

Figure 1

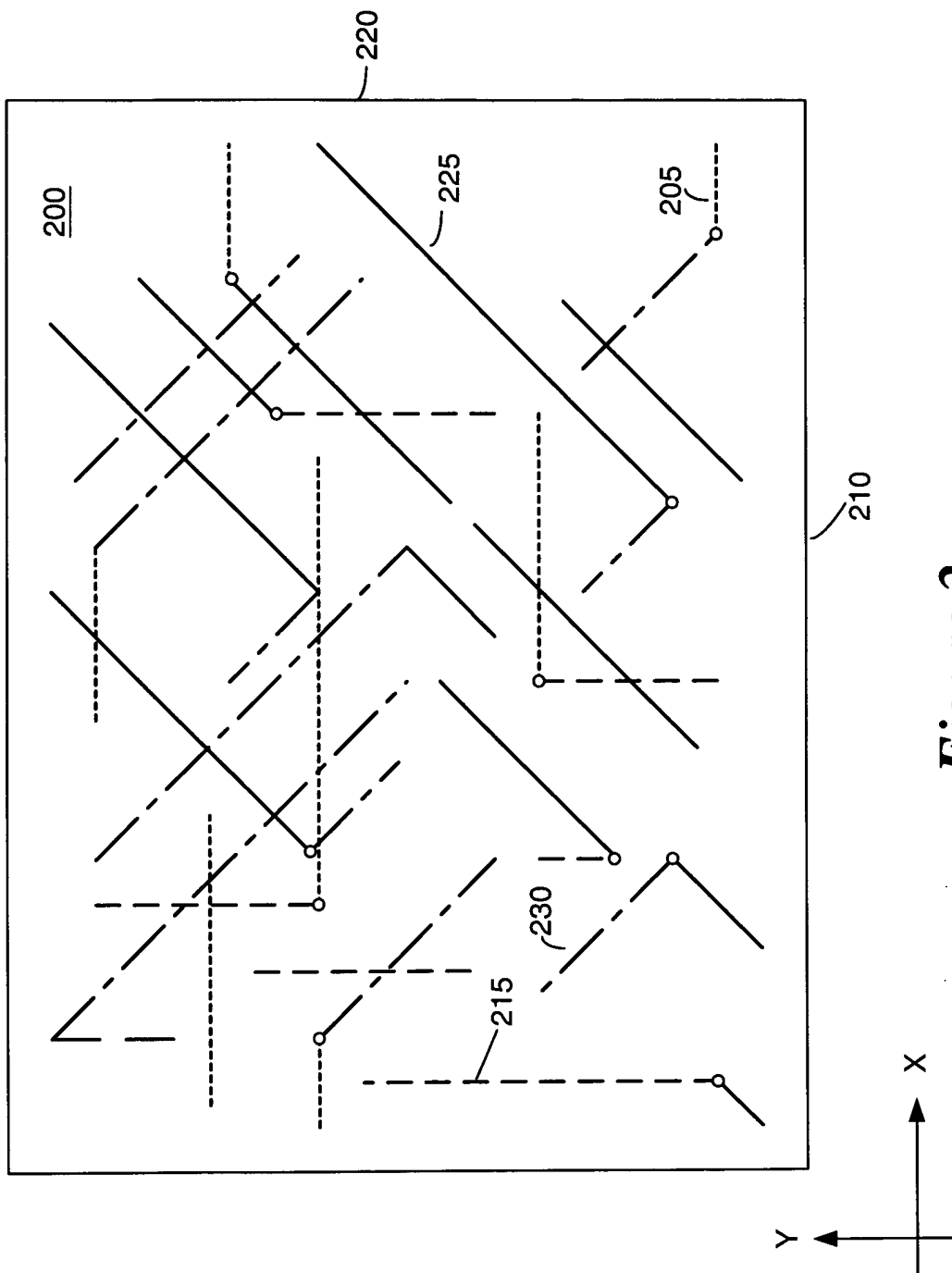
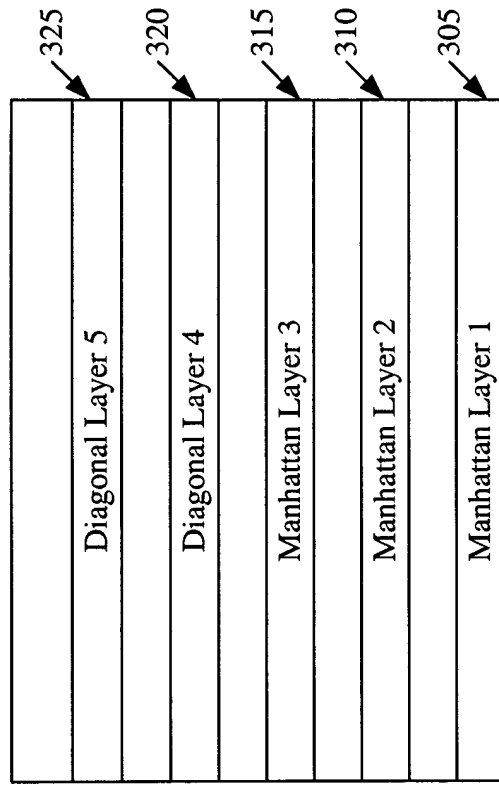
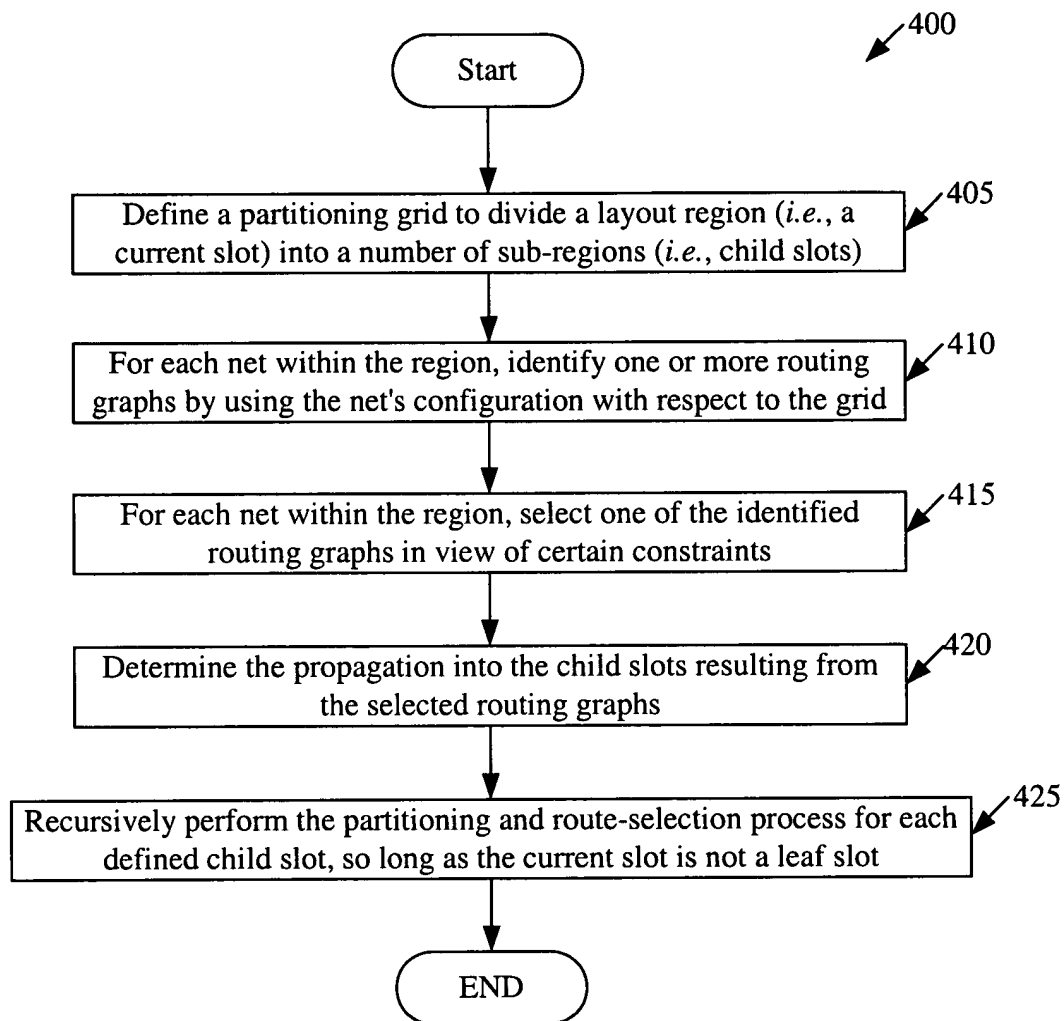


Figure 2



*Figure 3*



**Figure 4**

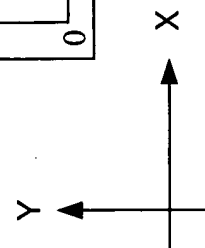
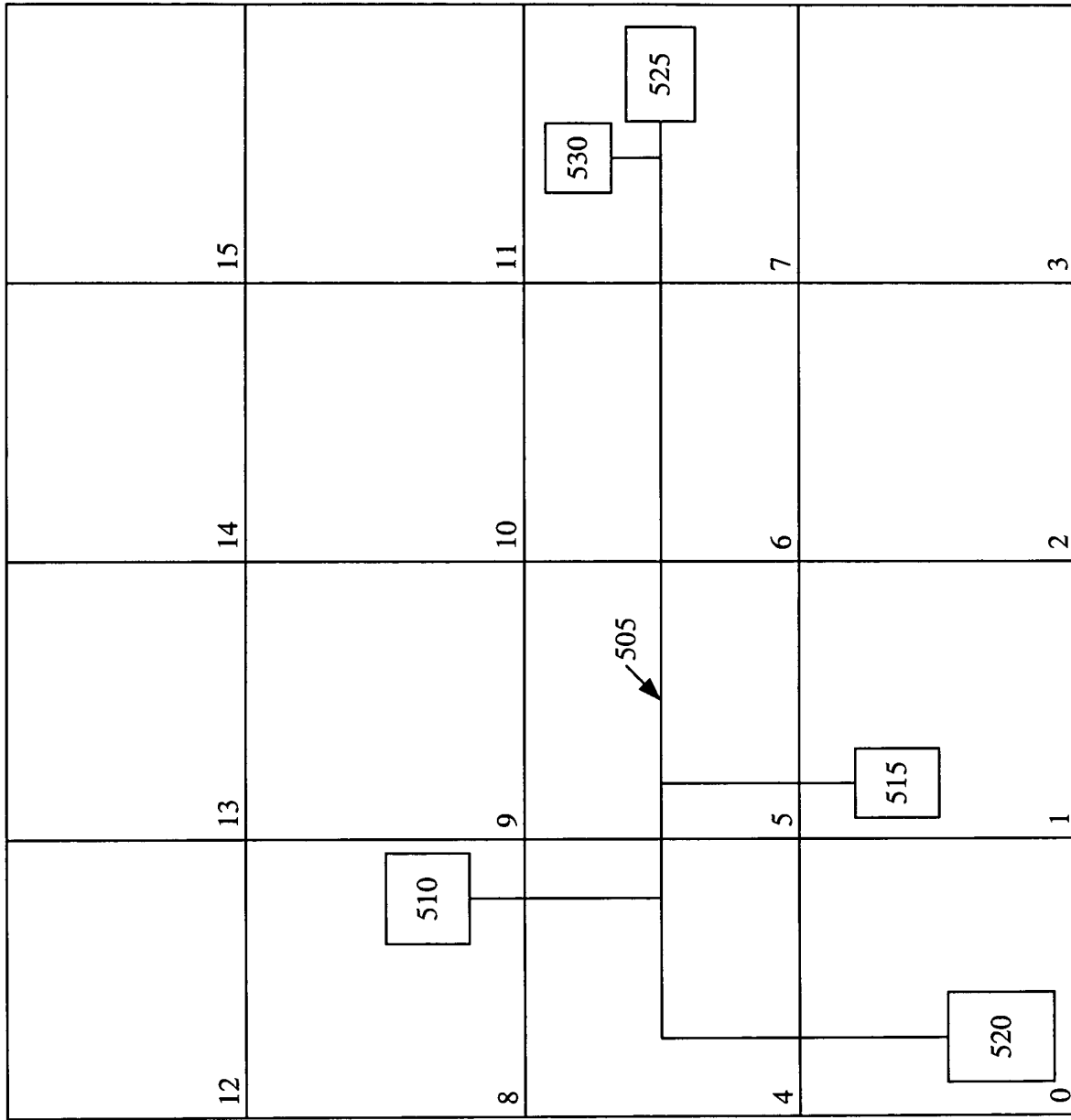


Figure 5

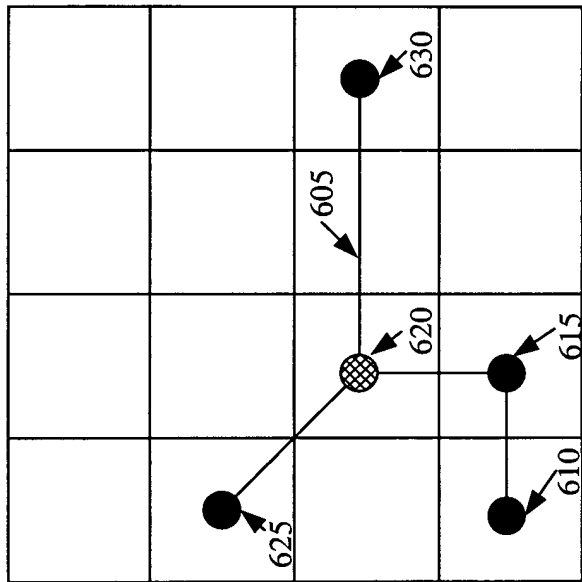


Figure 6

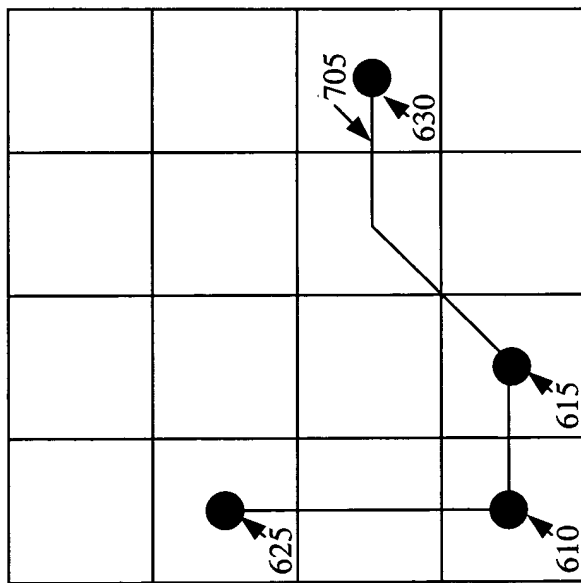


Figure 7

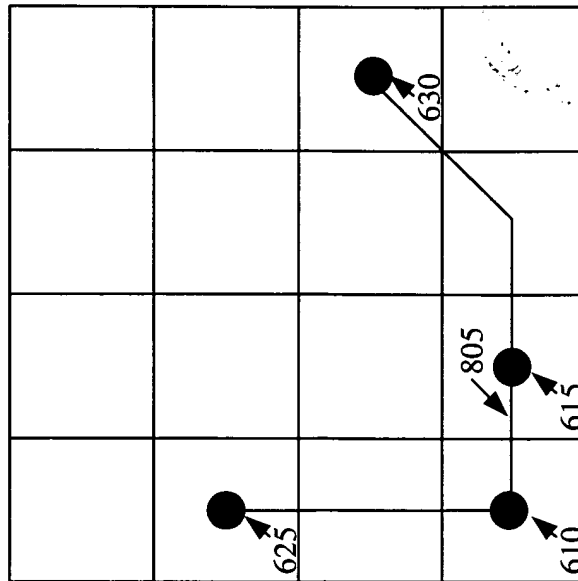


Figure 8

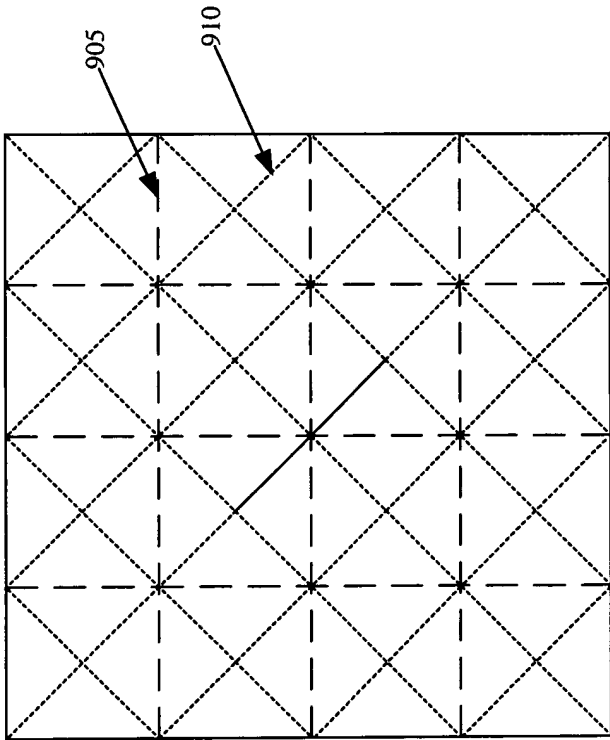


Figure 9

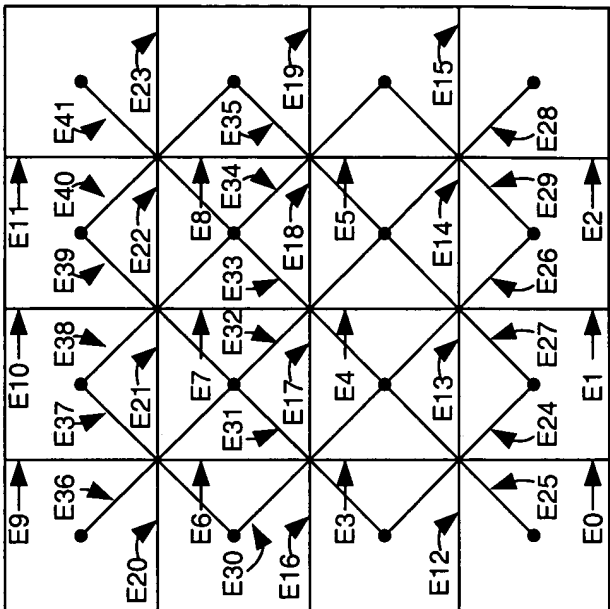


Figure 10

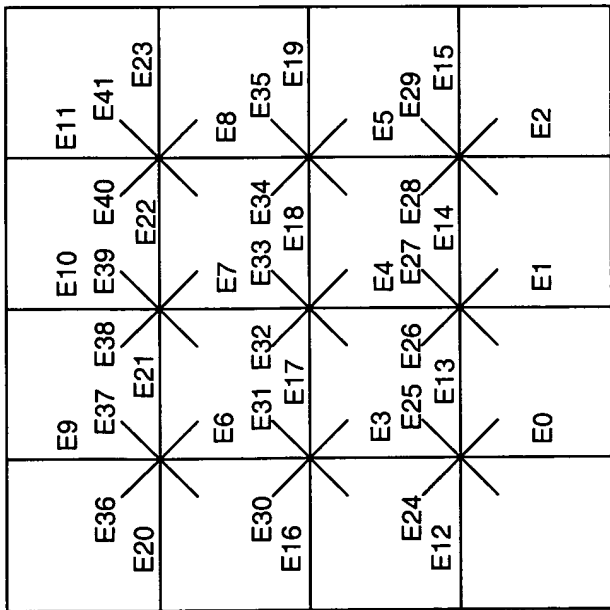


Figure 11

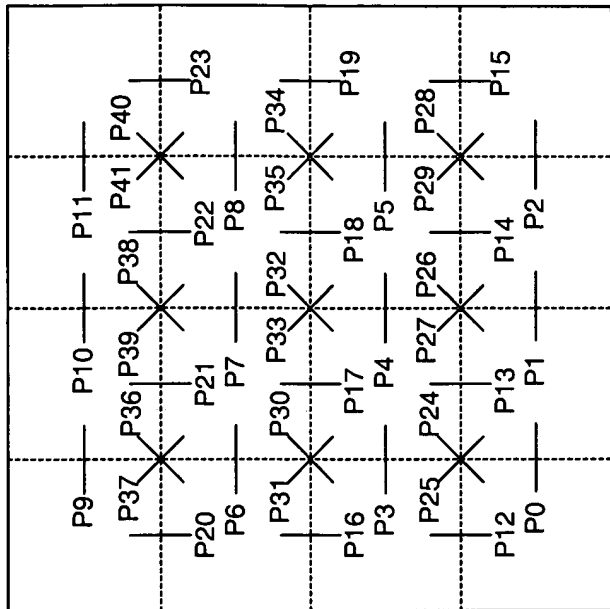


Figure 12





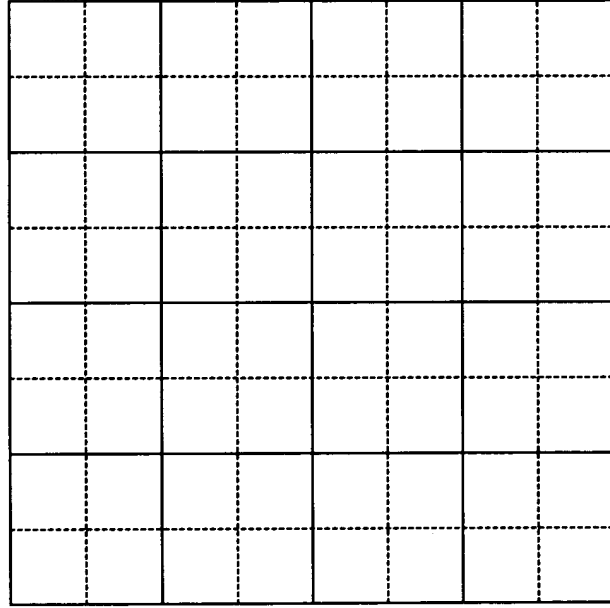


Figure 15

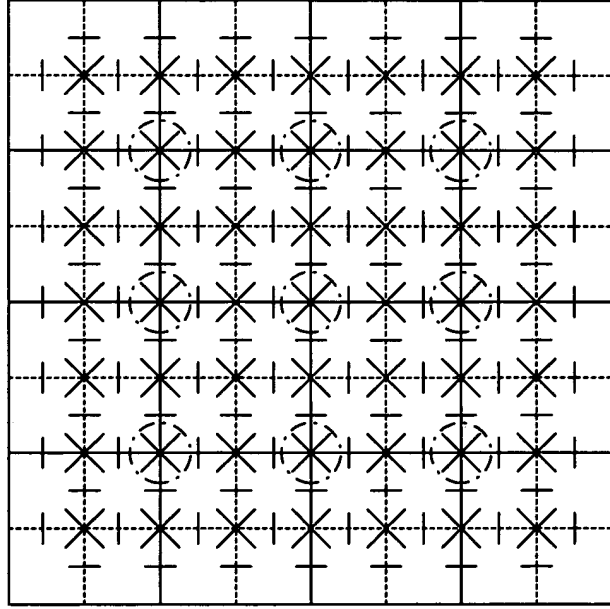
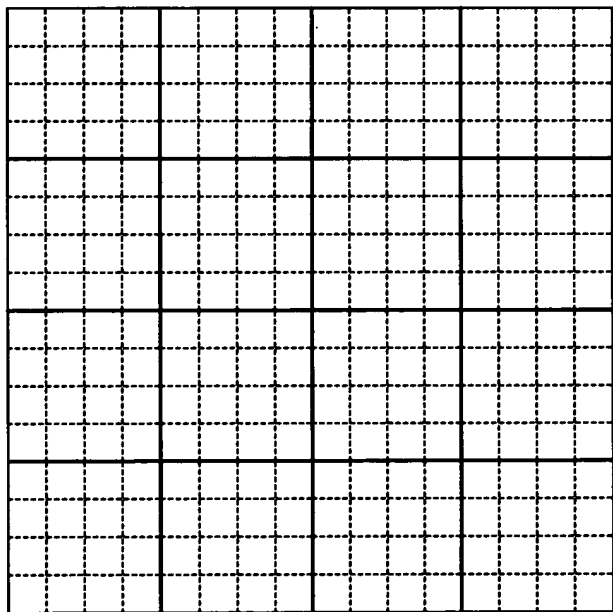


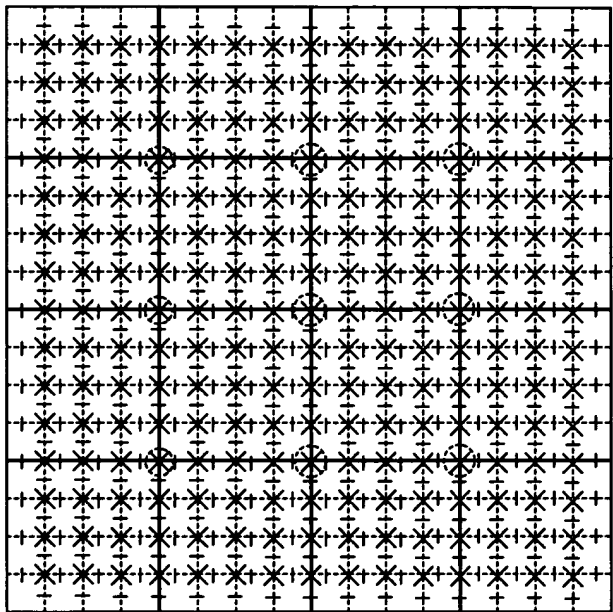
Figure 17



20211014504007

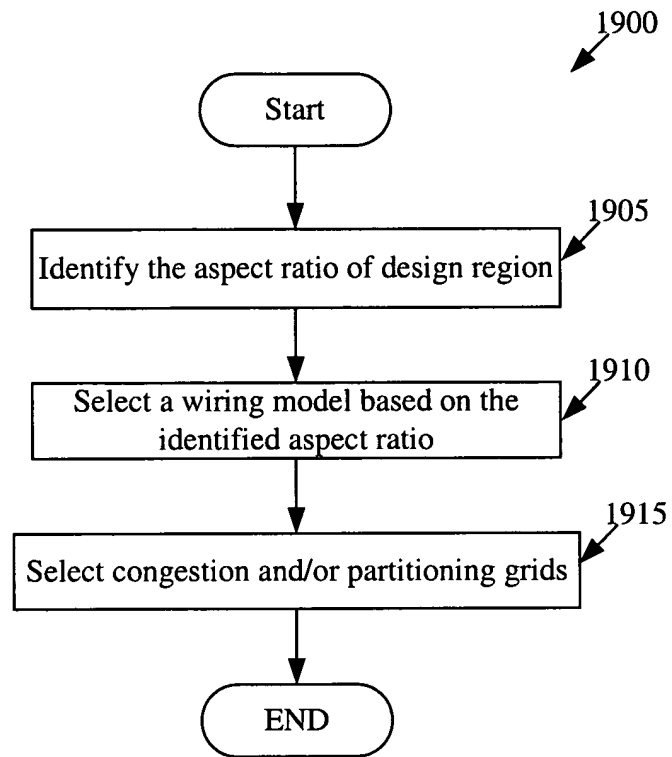


*Figure 16*



*Figure 18*





***Figure 19***

2025-10-10 10:10:10

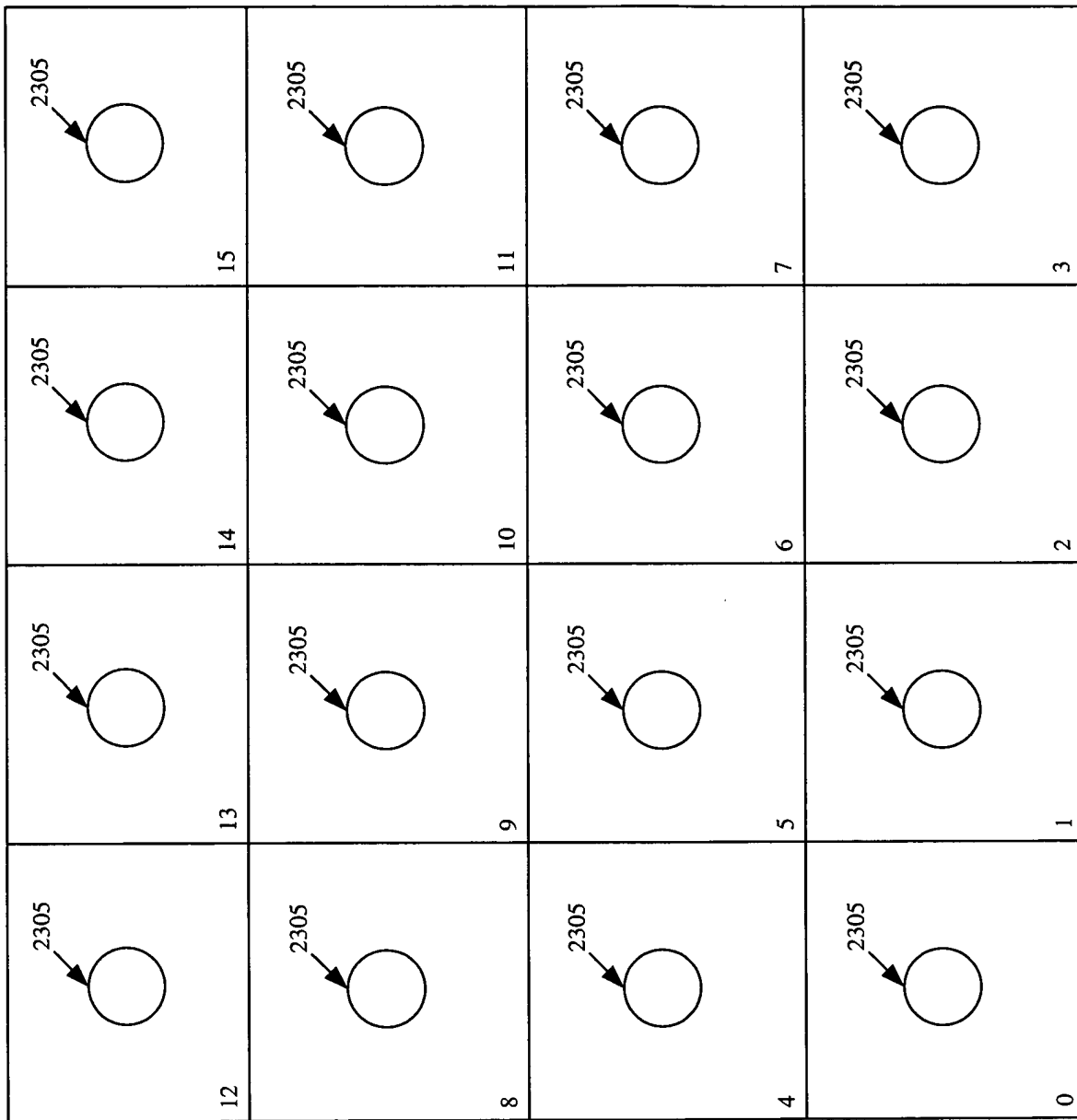


Figure 23

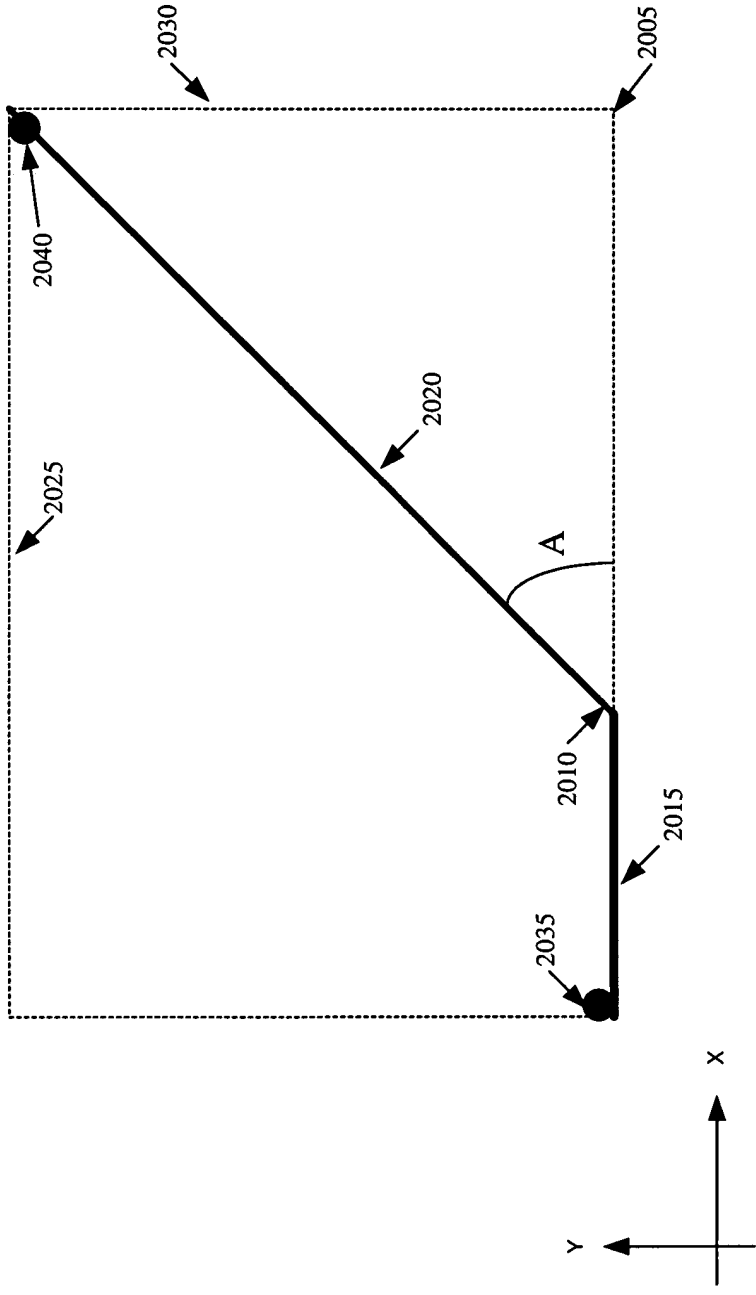
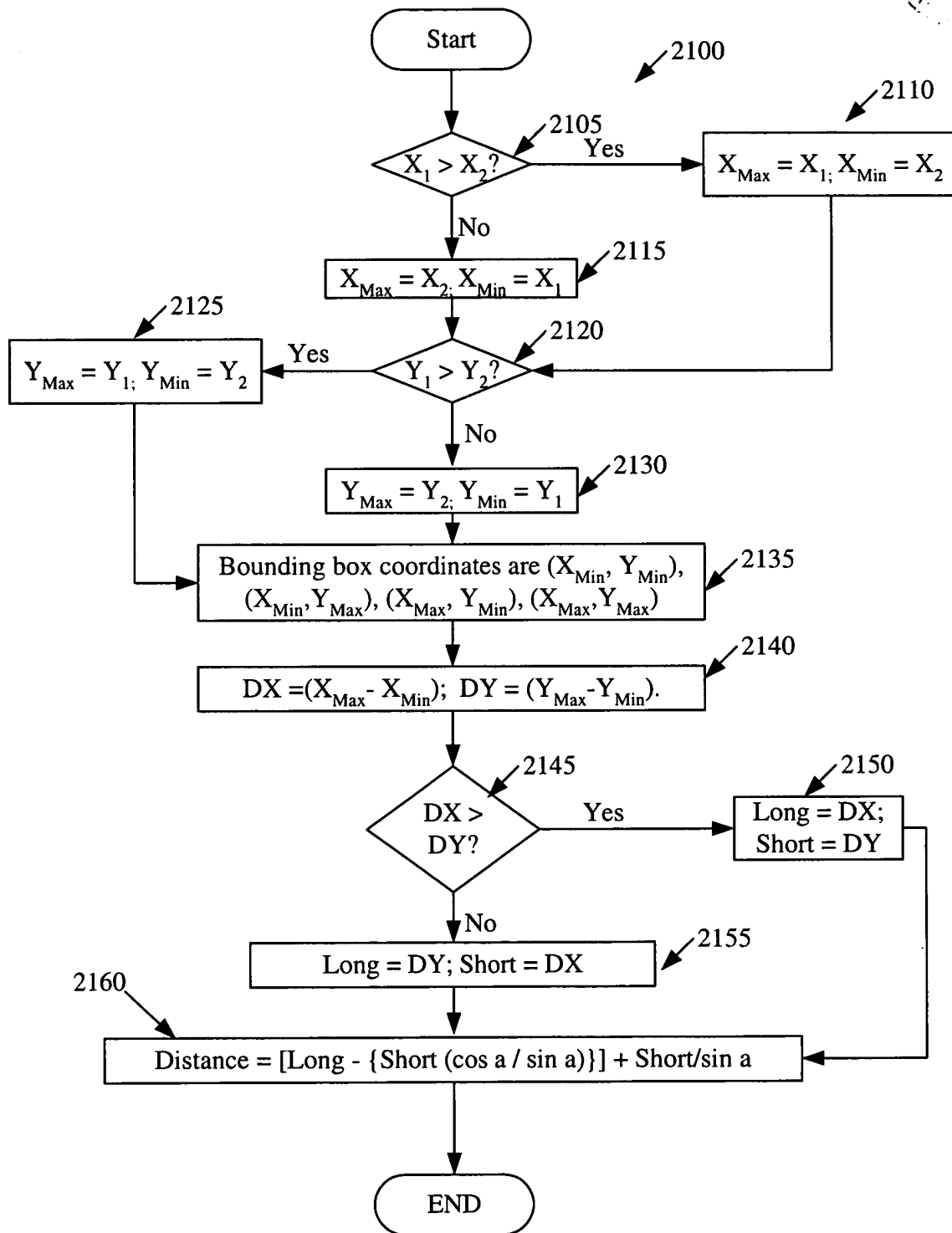
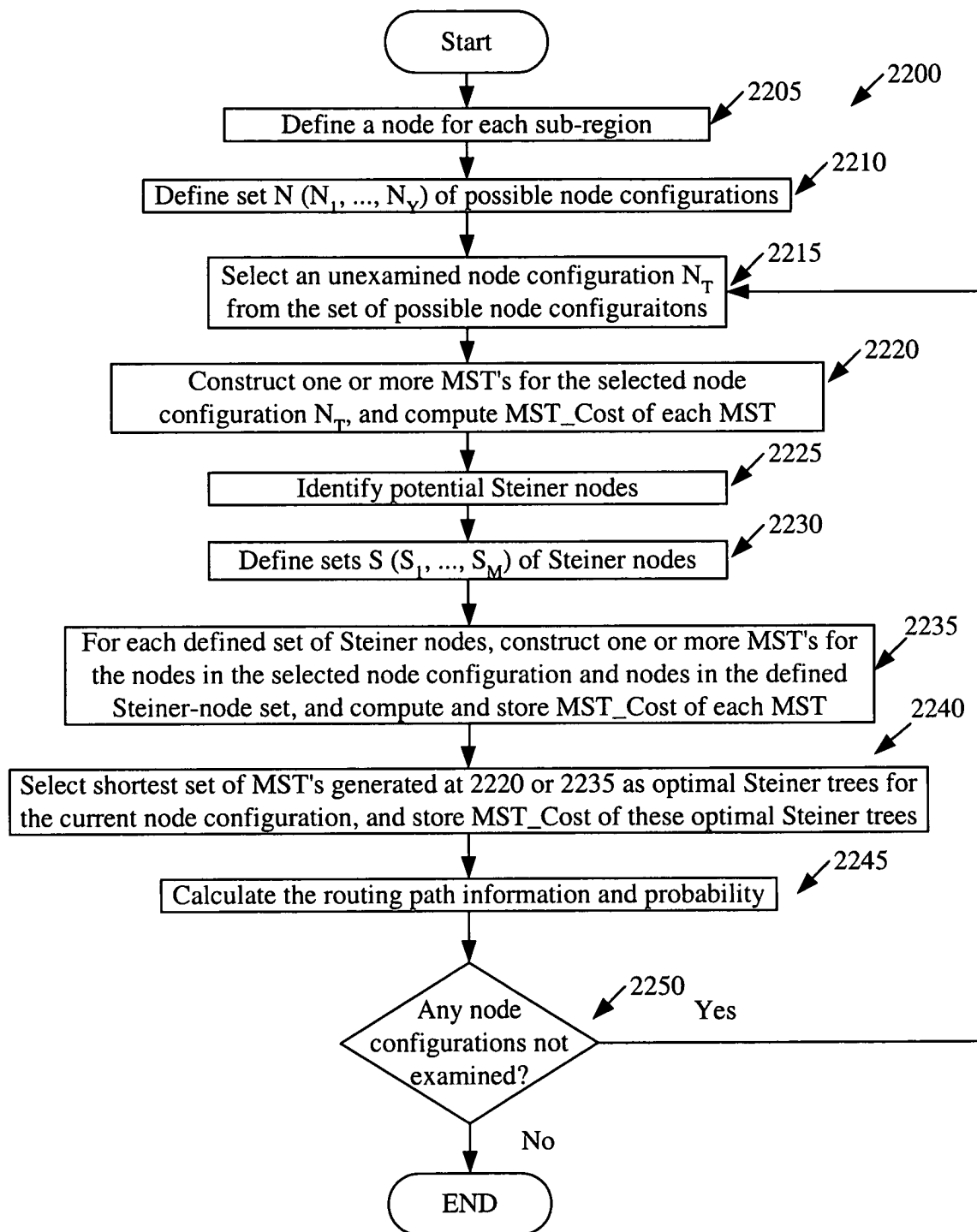


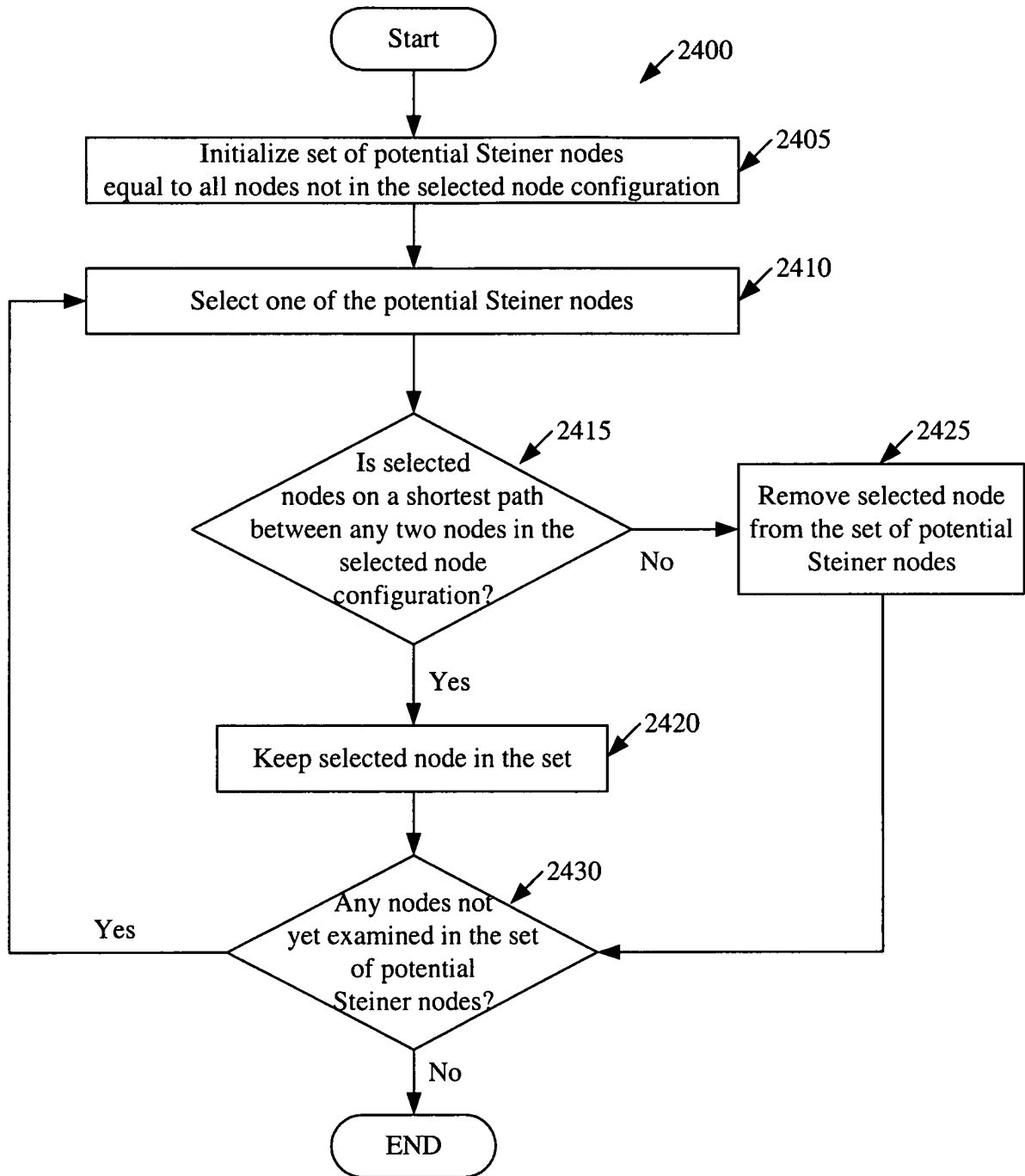
Figure 20



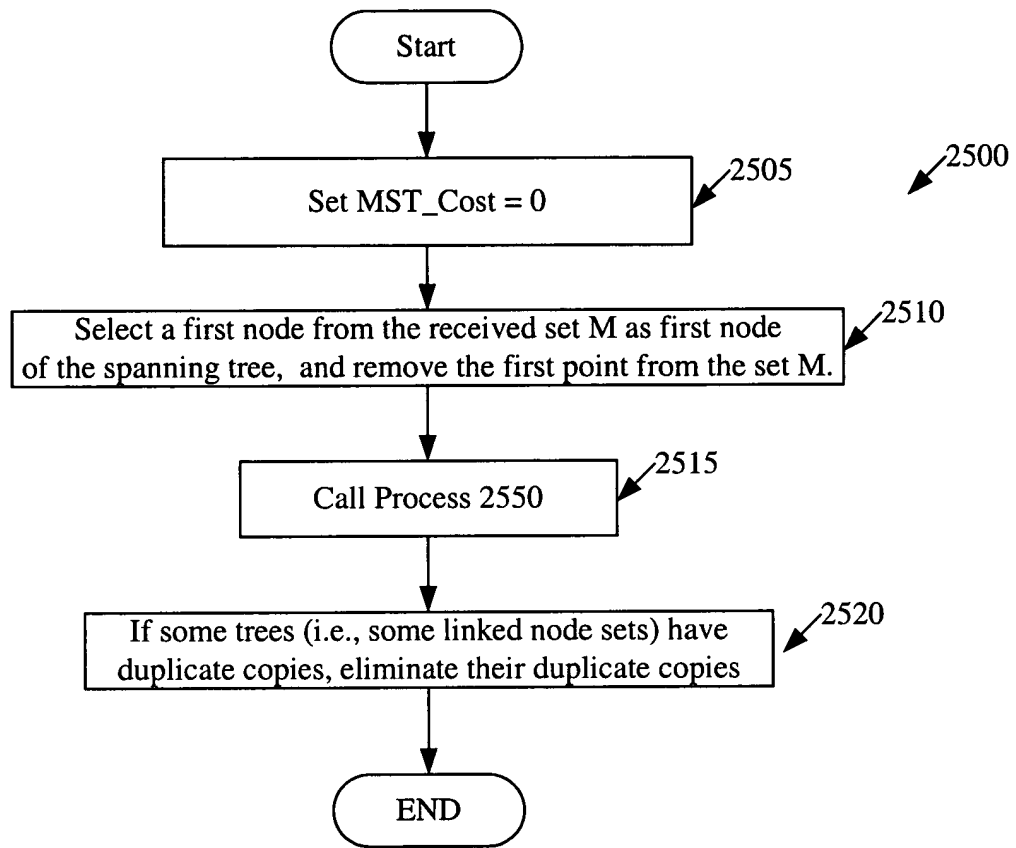
**Figure 21**



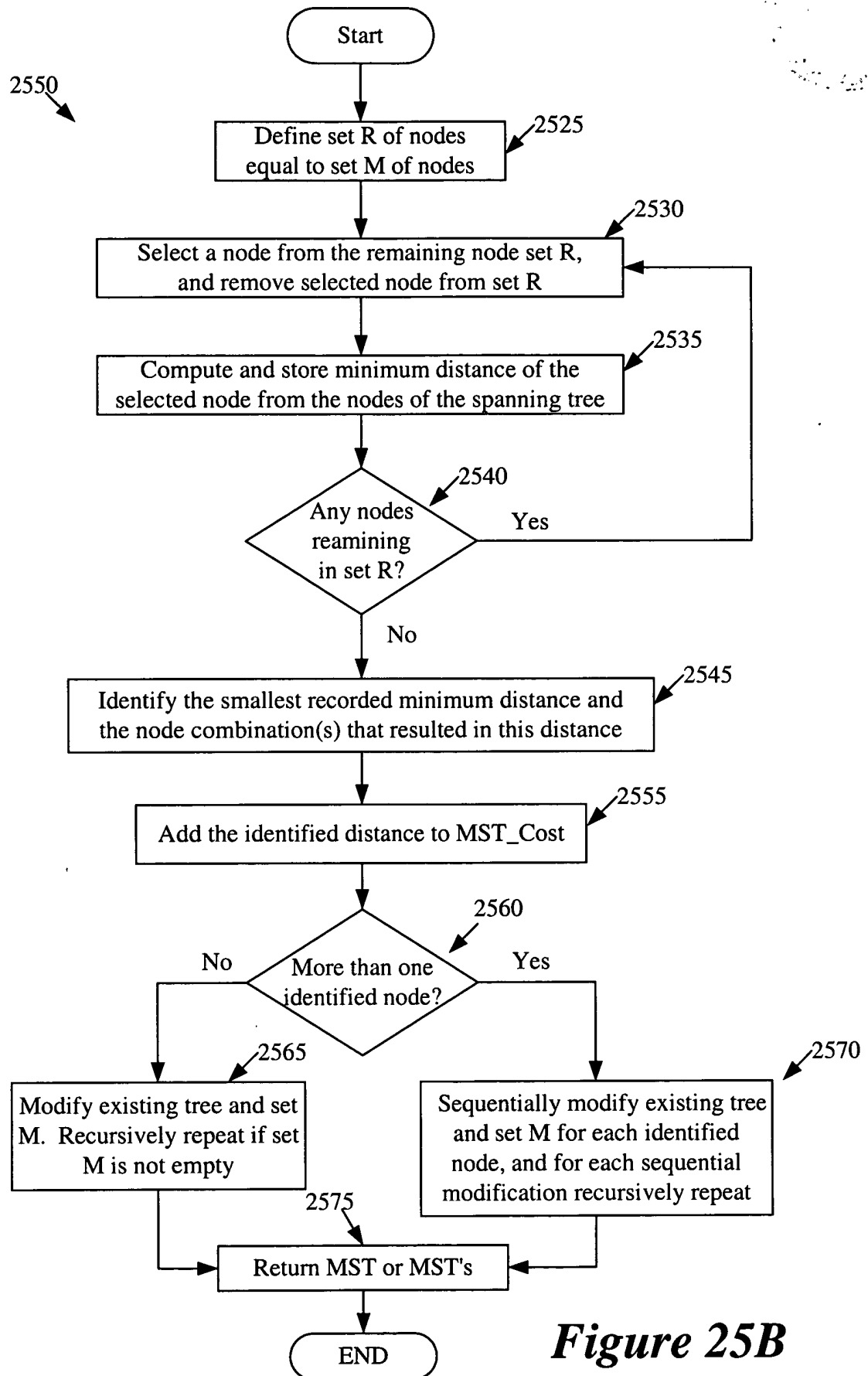
**Figure 22**



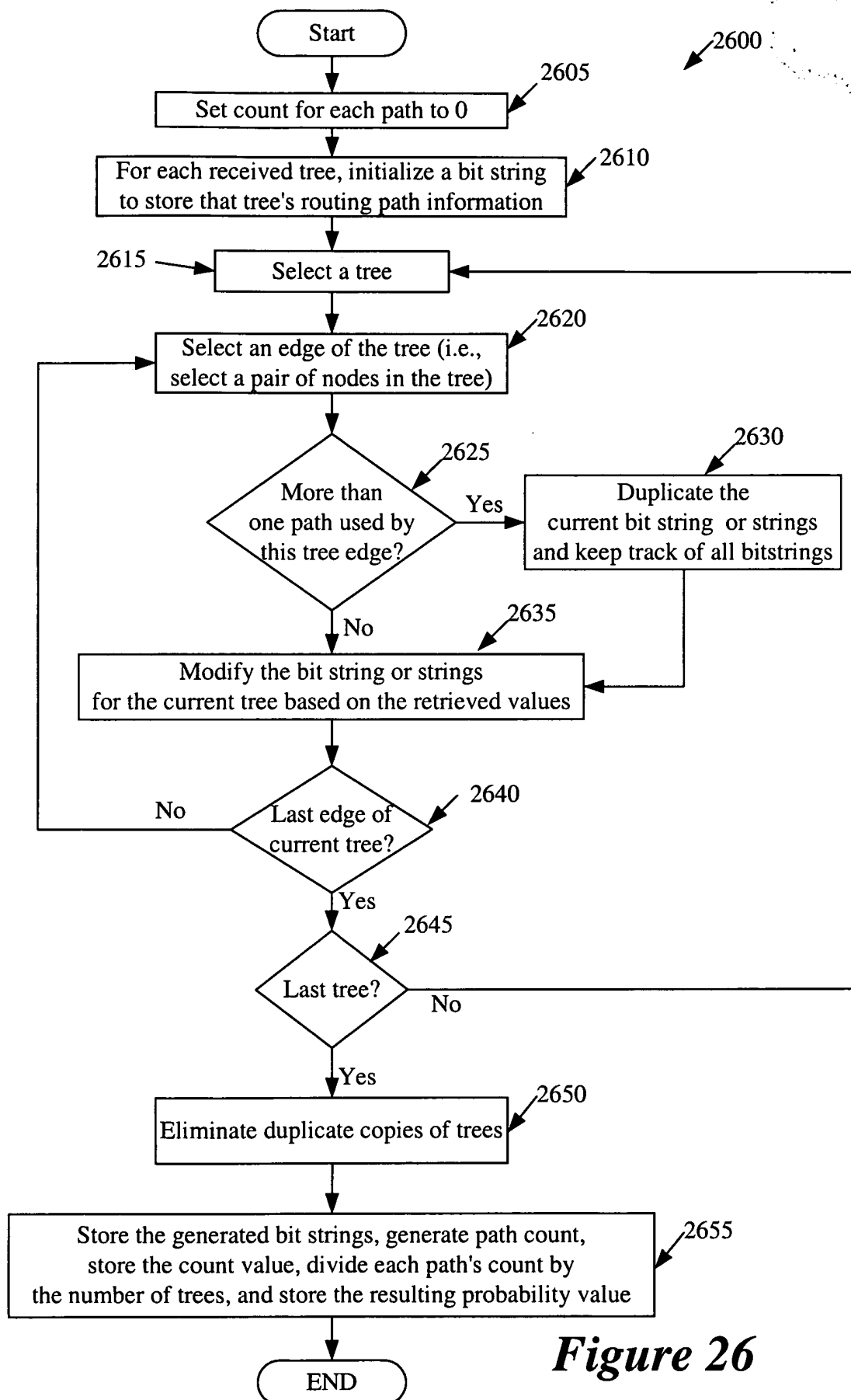
**Figure 24**



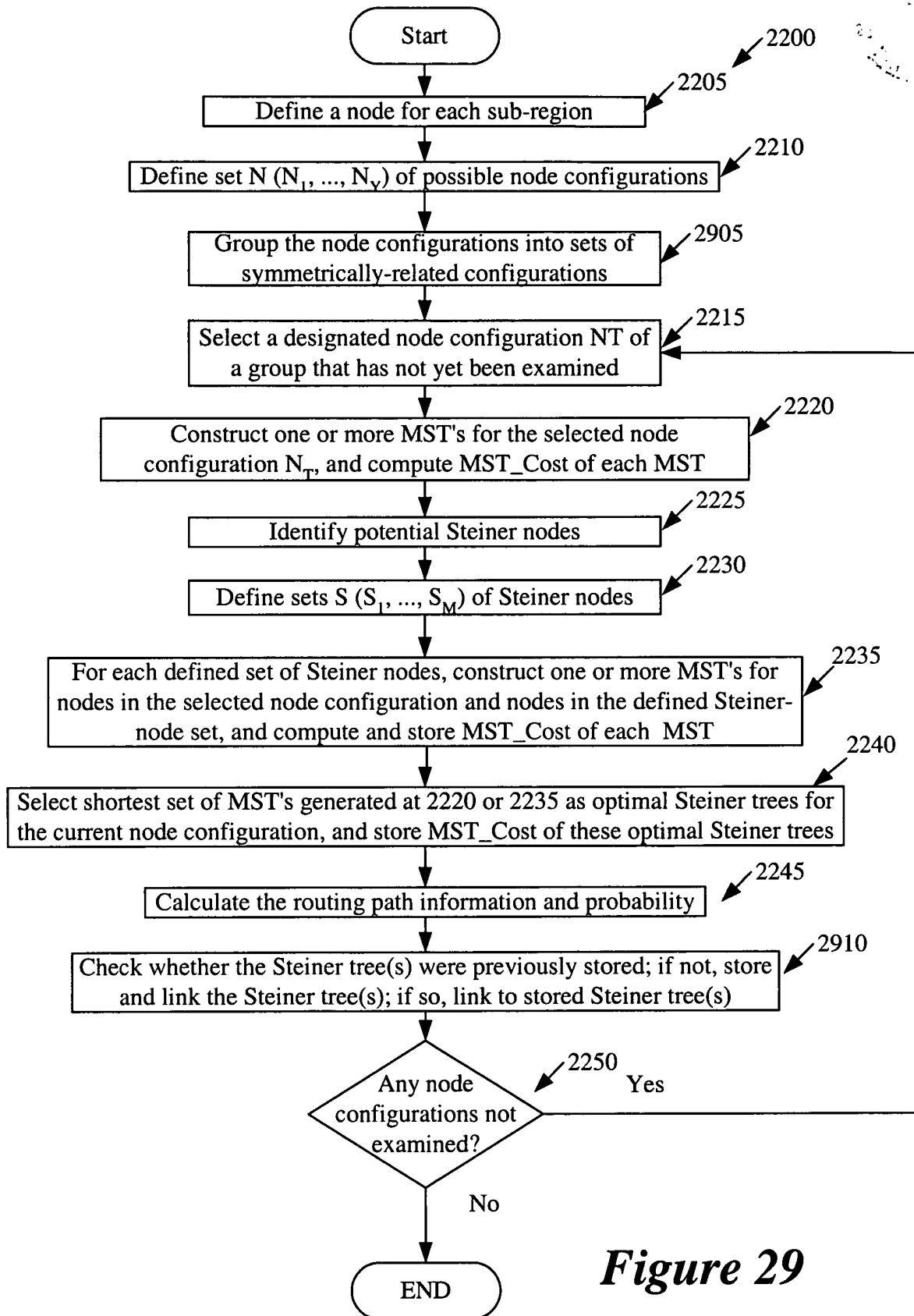
**Figure 25A**



**Figure 25B**







**Figure 29**

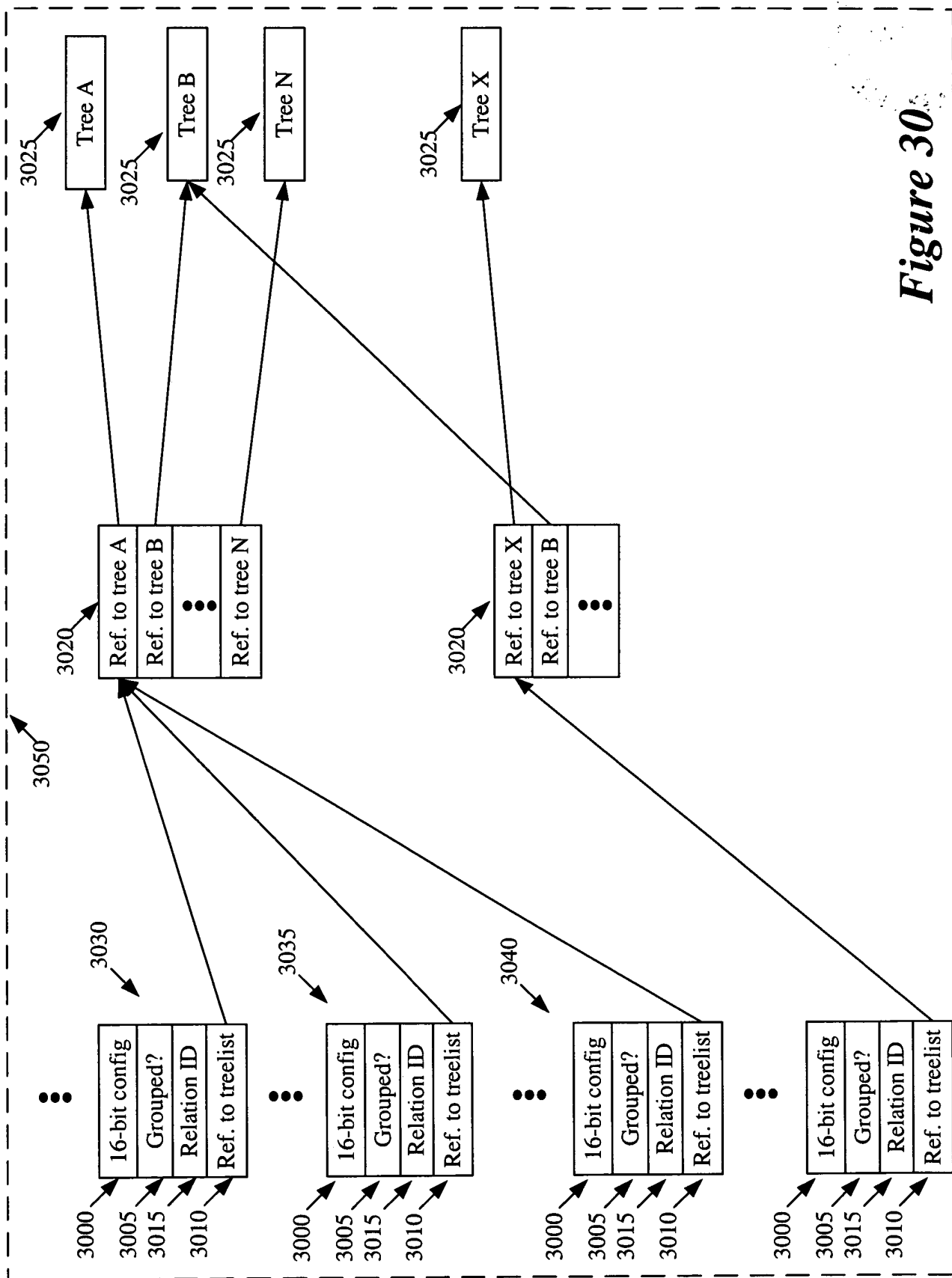
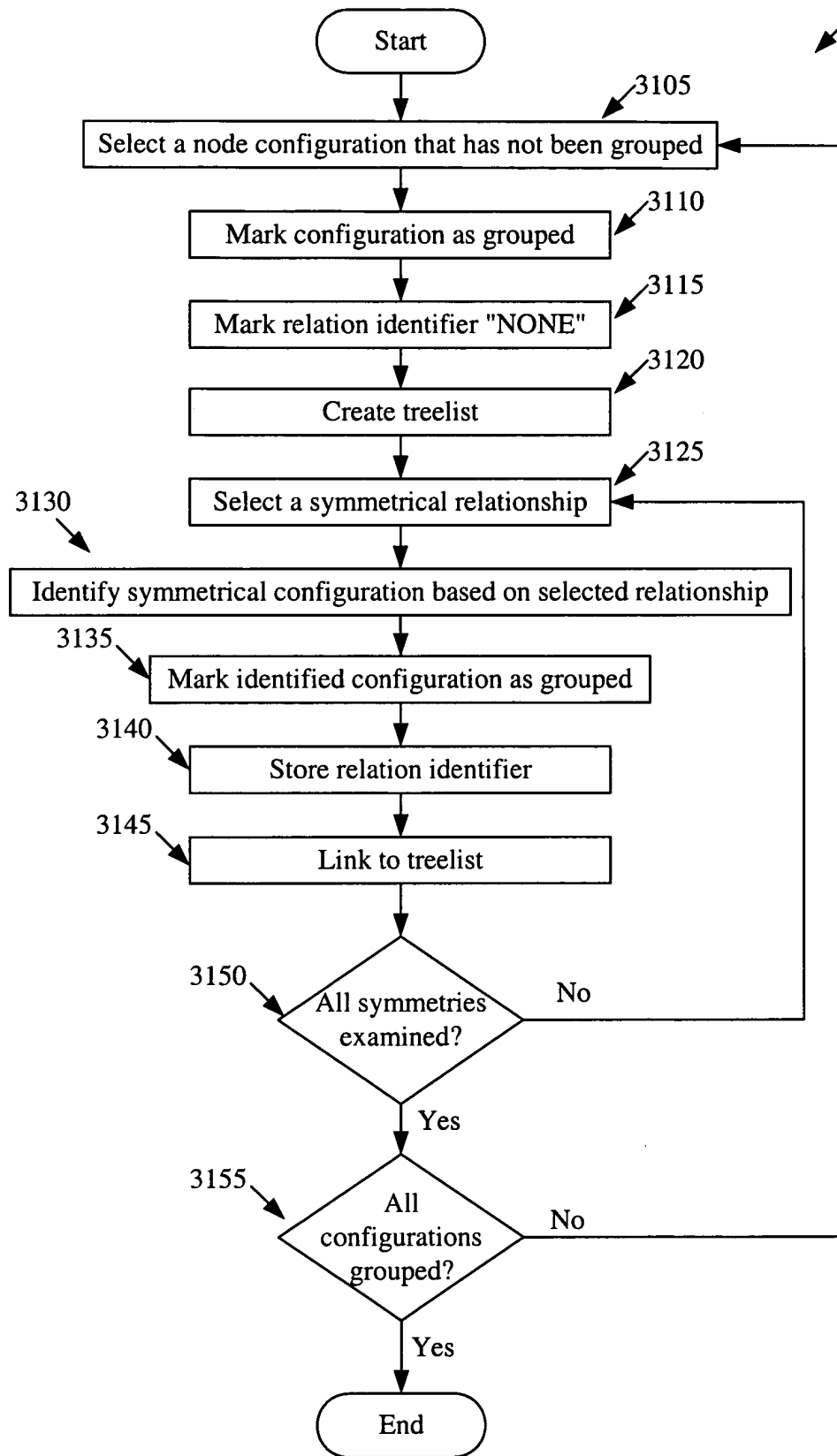
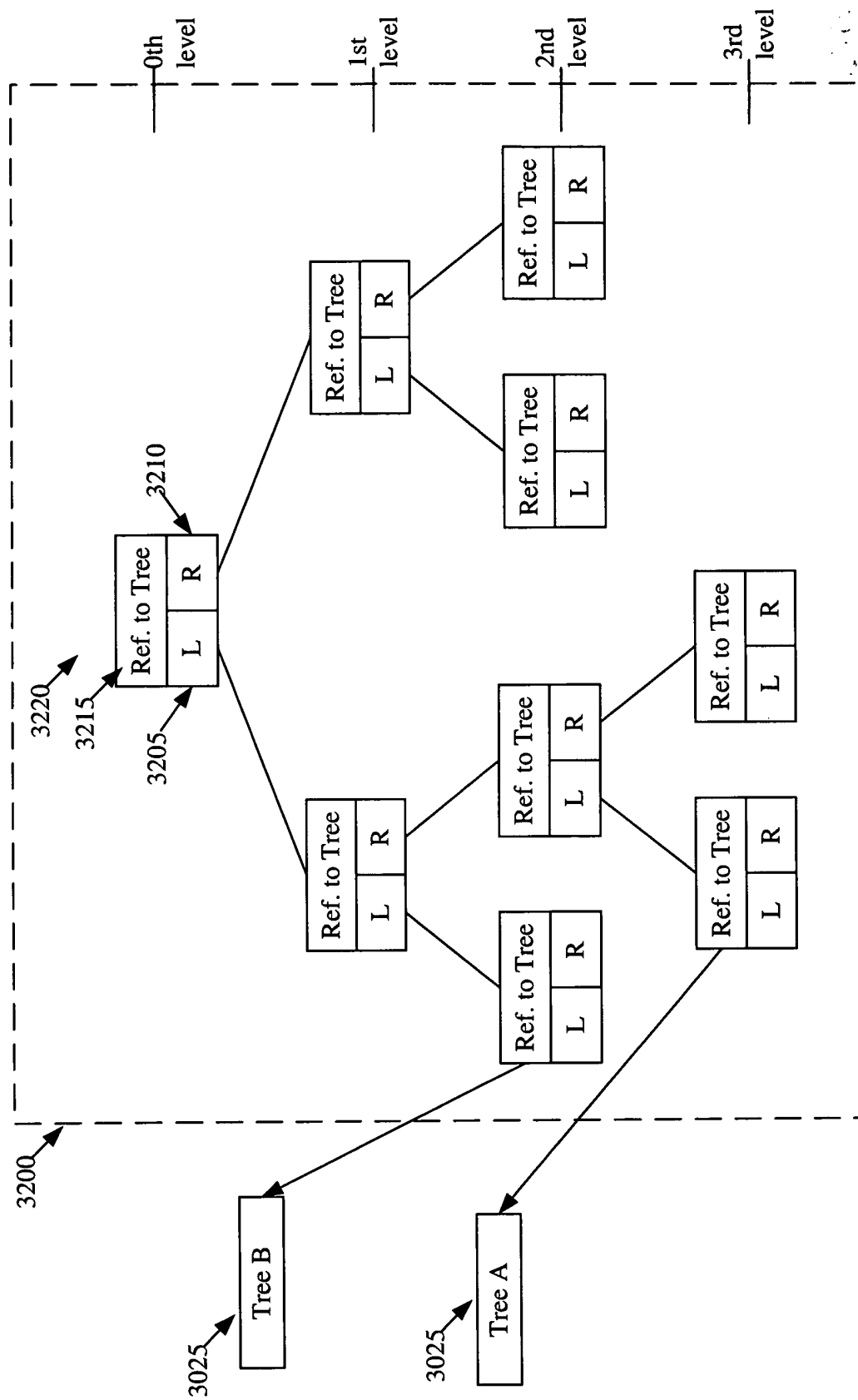


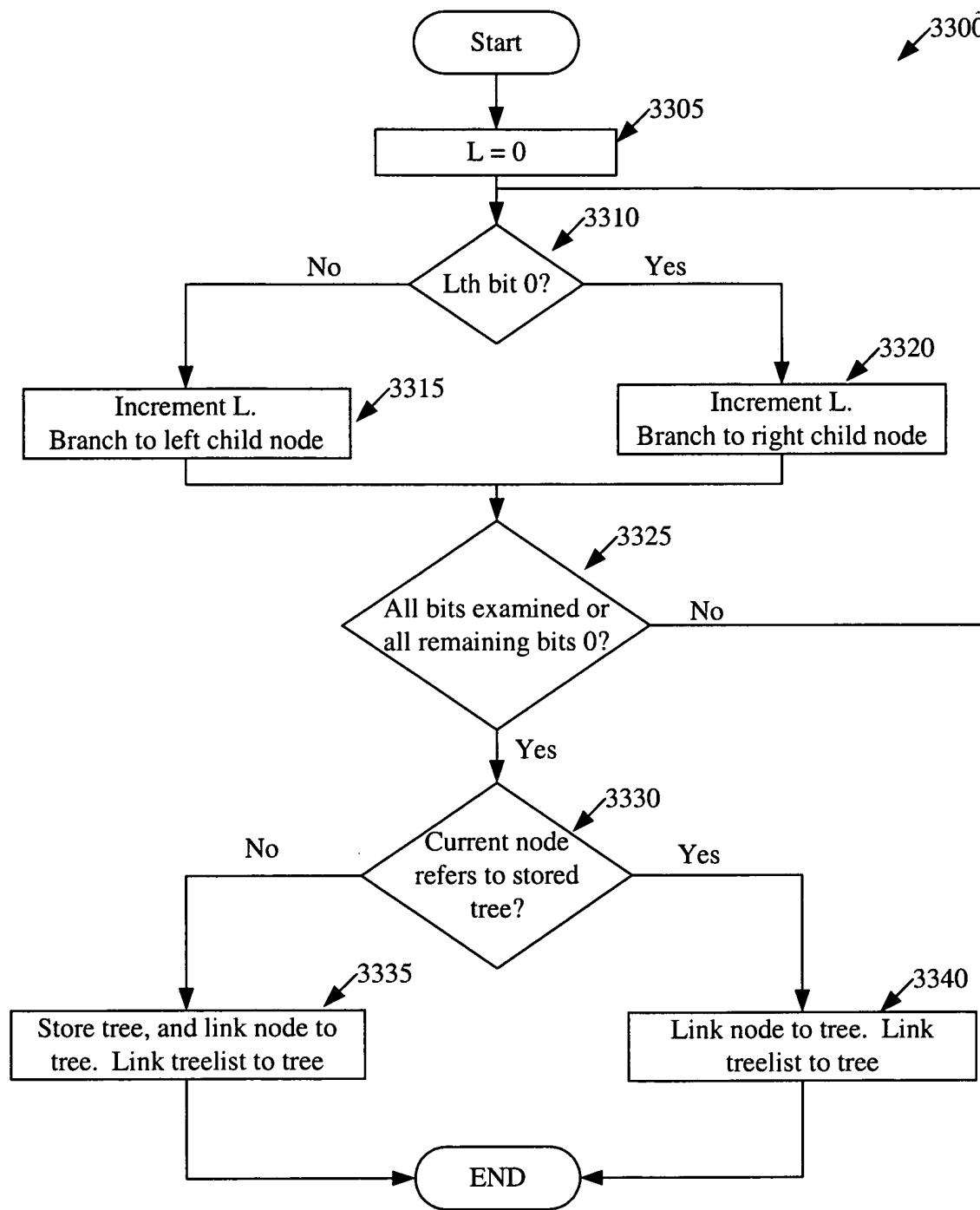
Figure 30



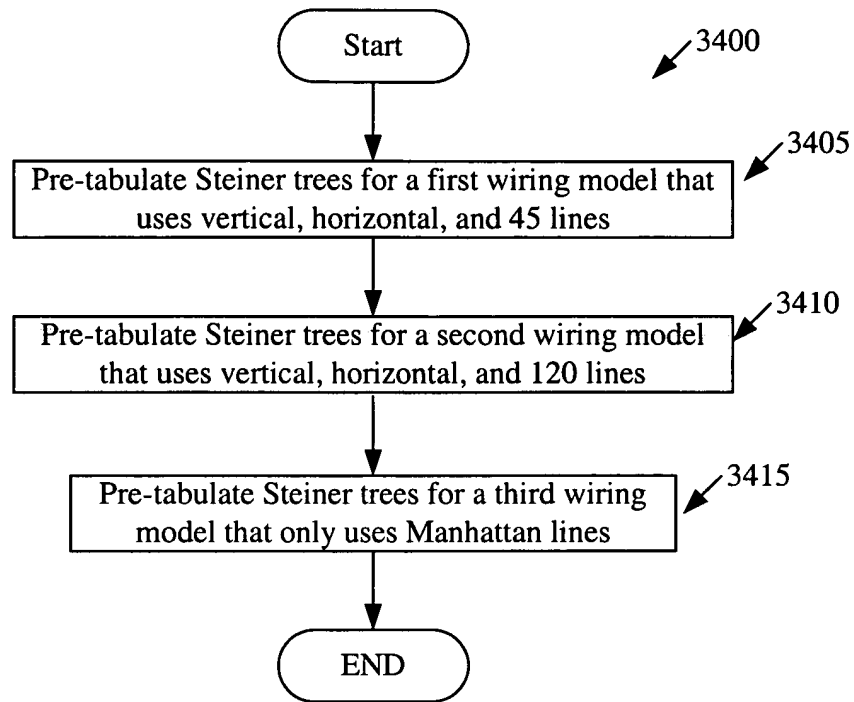
**Figure 31**



**Figure 32**



**Figure 33**



*Figure 34*

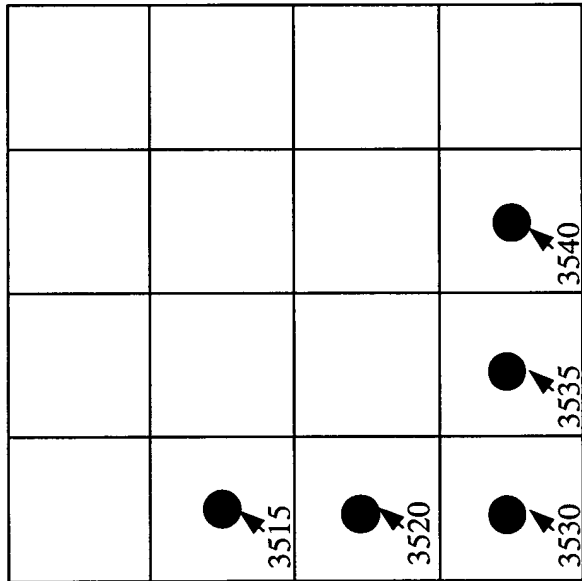


Figure 35A

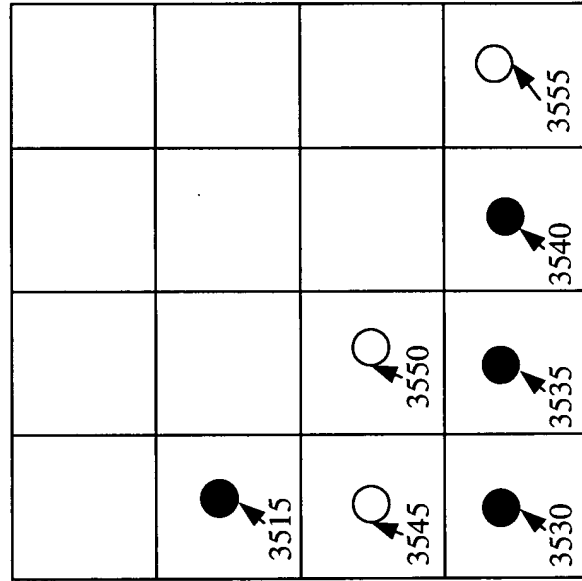
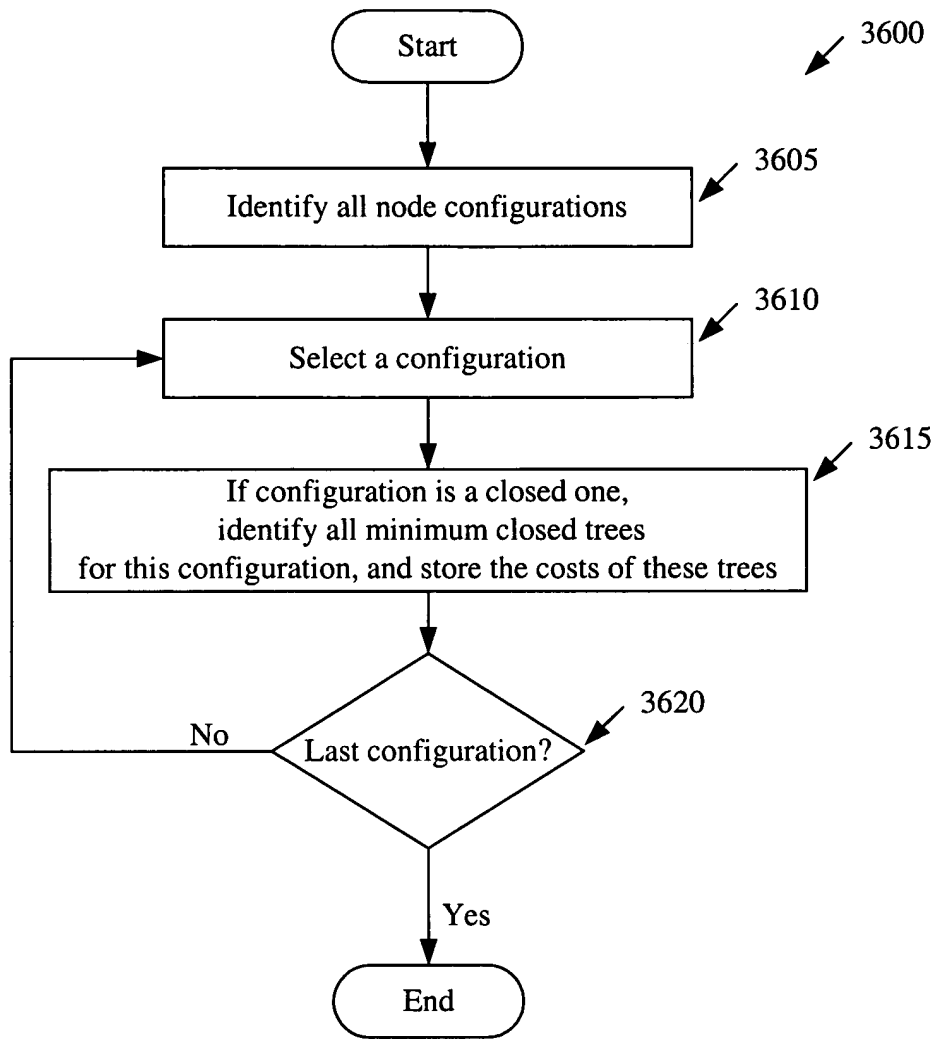
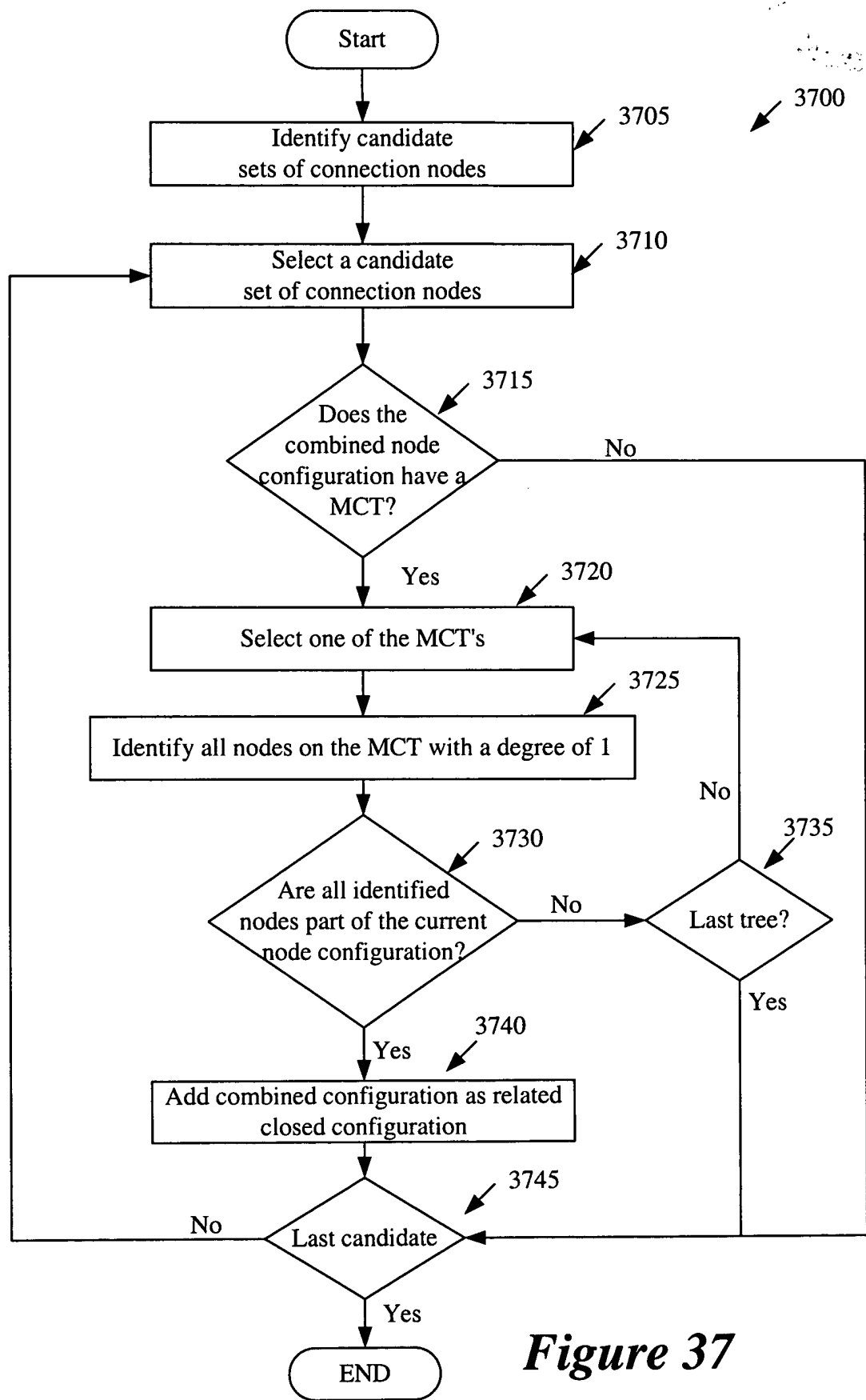


Figure 35B

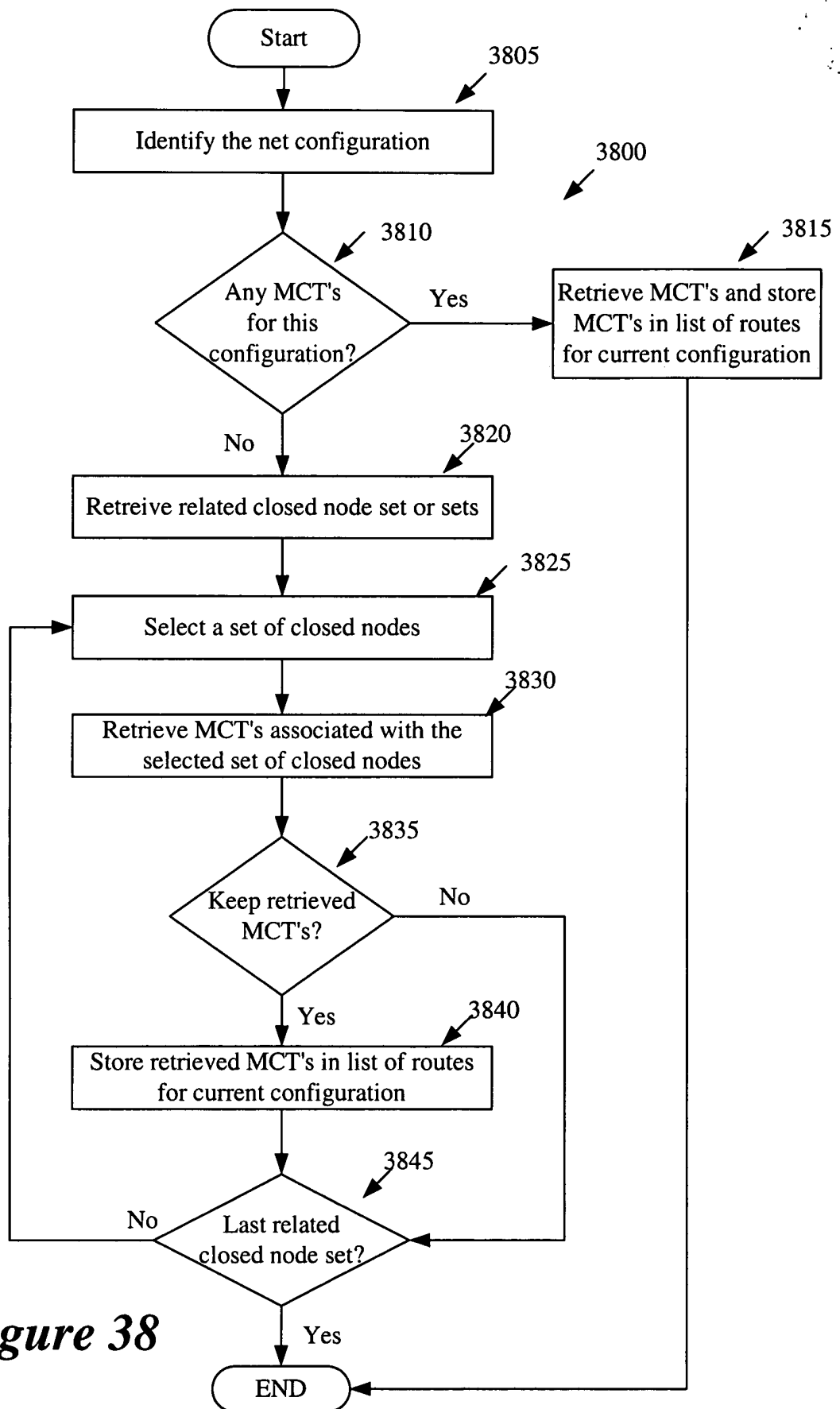
20240415 15:04:00



**Figure 36**



**Figure 37**



**Figure 38**

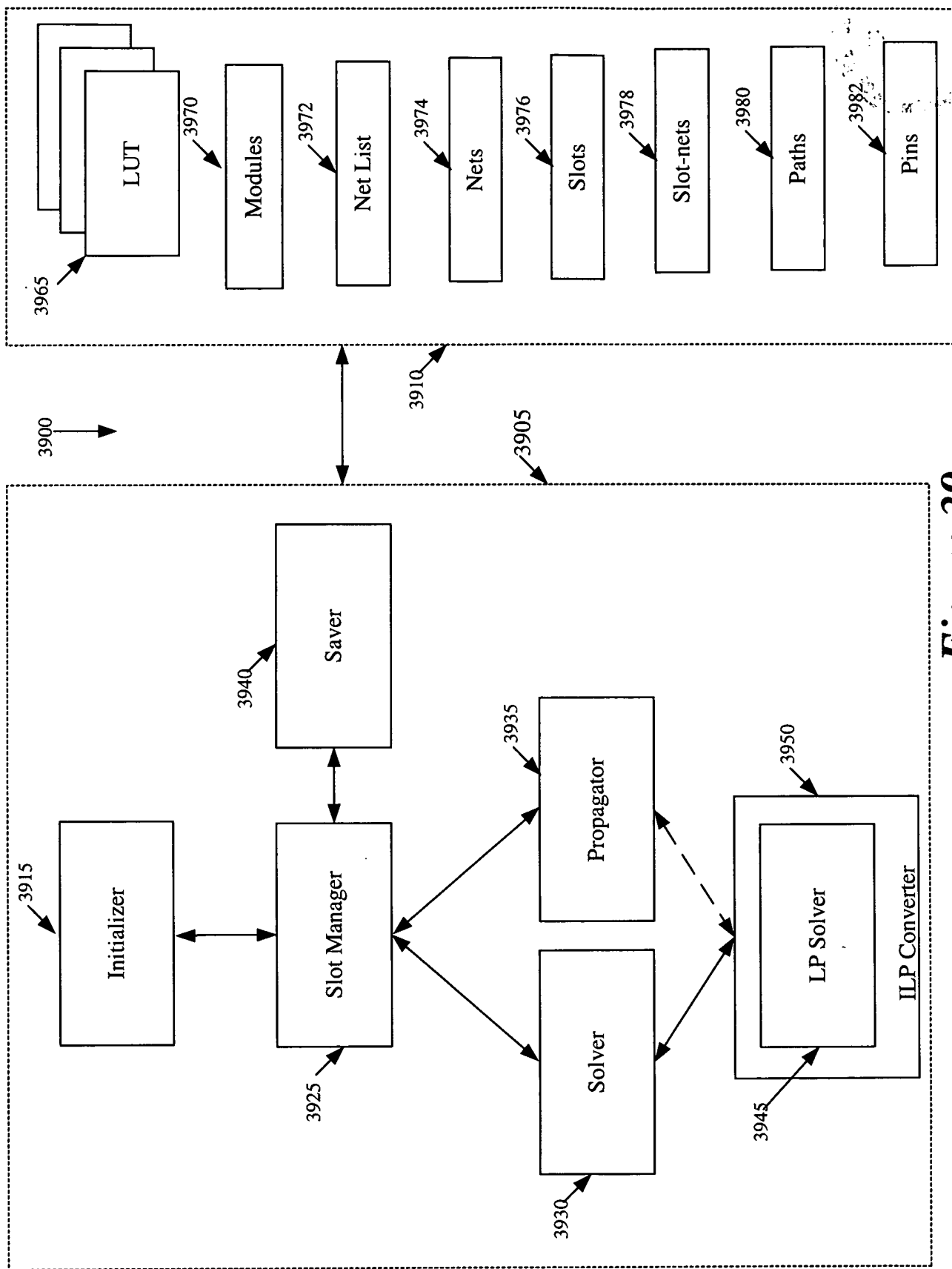


Figure 39

202740-4500400

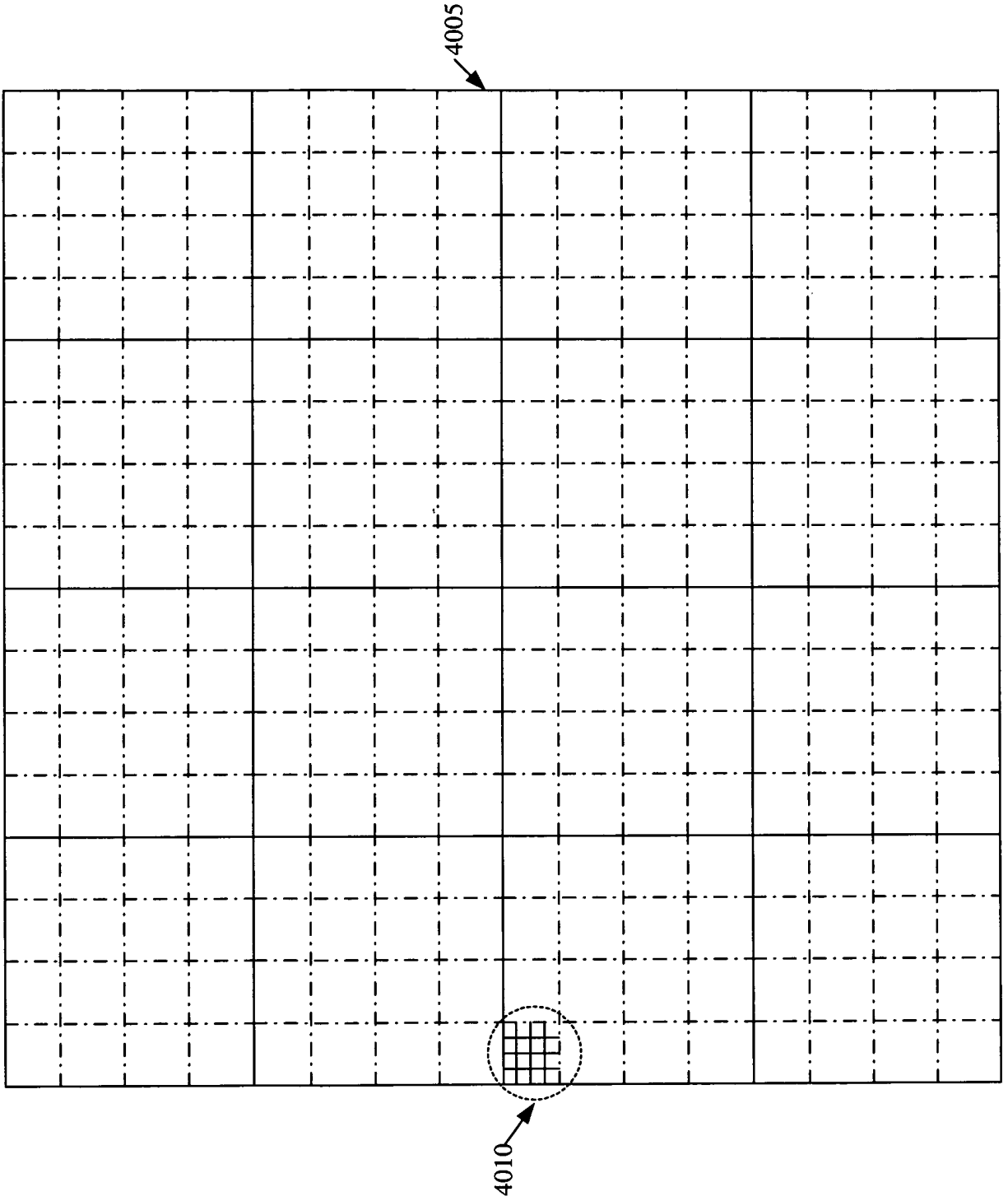


Figure 40

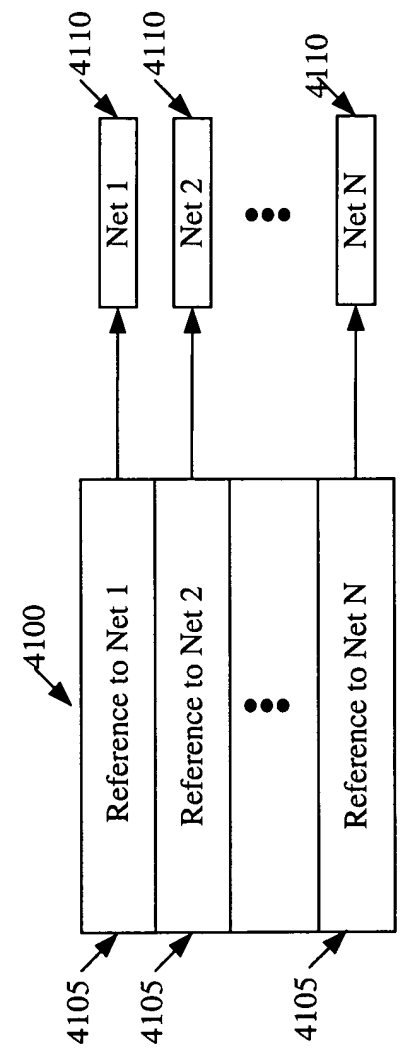


Figure 41

Pin Distribution bitstring	4510
Selected route bitstring	4515
Reference to dbNet	4505

Figure 45

Index	4110
Reference to Pin 1	4205
Reference to Pin M	4210
Reference to Path 1	4220
Reference to Path N	

Figure 42

Path type (H, V, E, W)	4405
Path Id (1-42)	4410
Reference to net	4415
Reference to first slot incident to the path	4420
Reference to second slot incident to the path	4420

Figure 44

Location	4300
----------	------

Figure 43

Name	8000
Reference to dbNet	
Child-slot identifier	
Length	
List of paths	

Figure 80

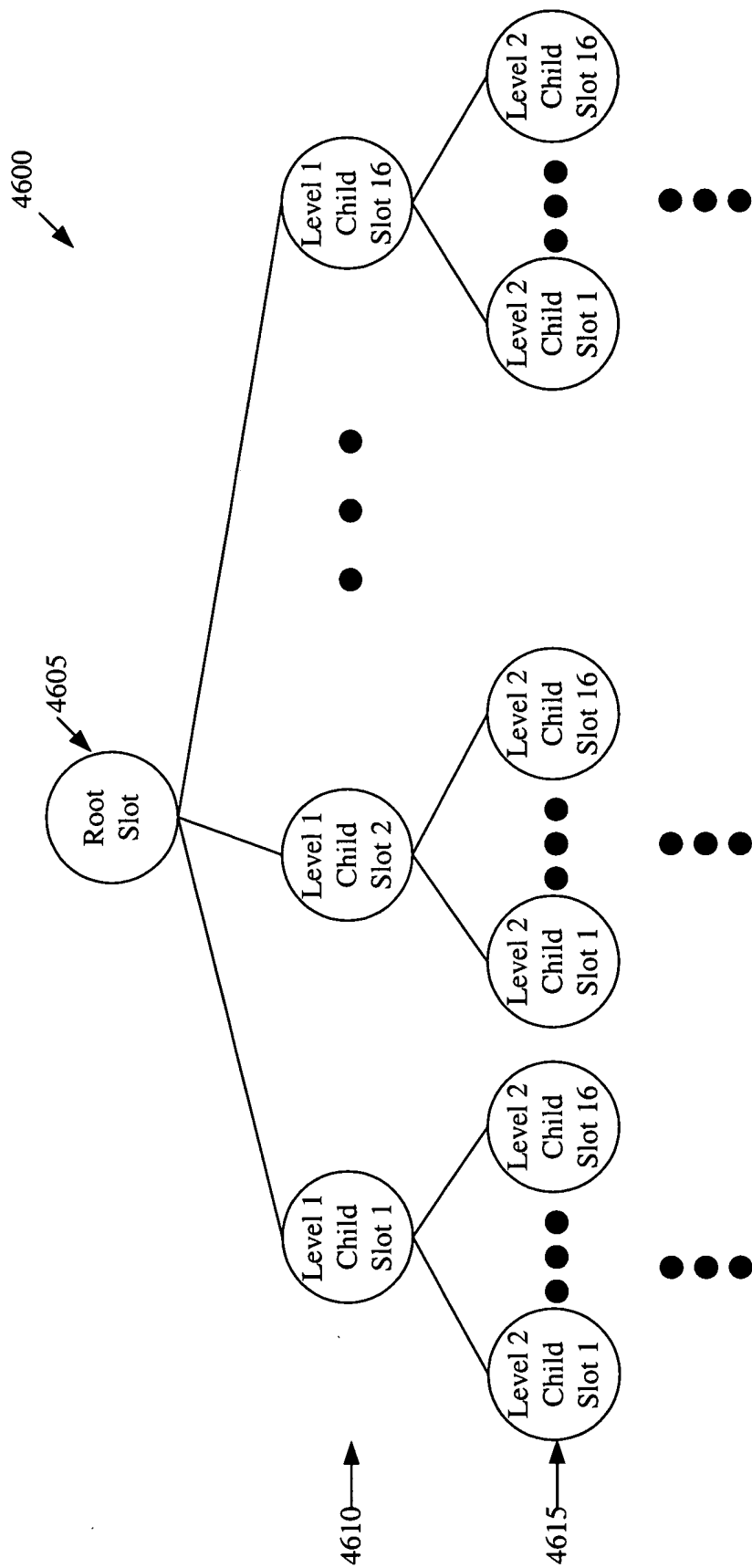


Figure 46

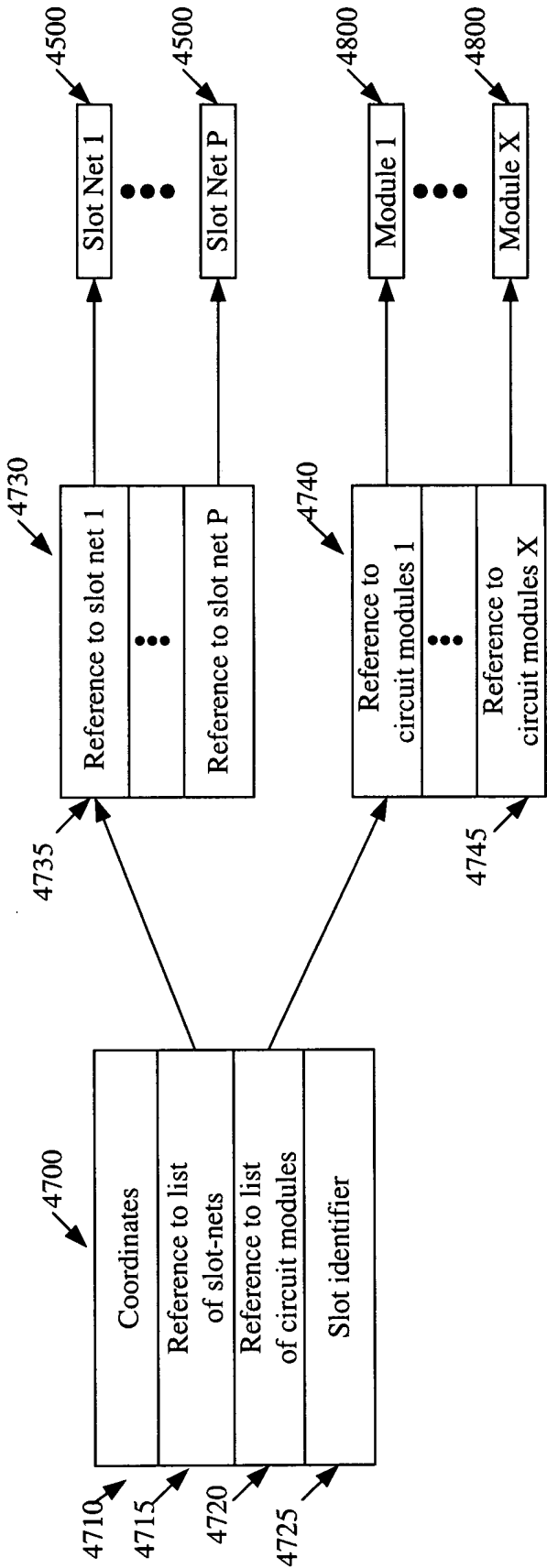


Figure 47

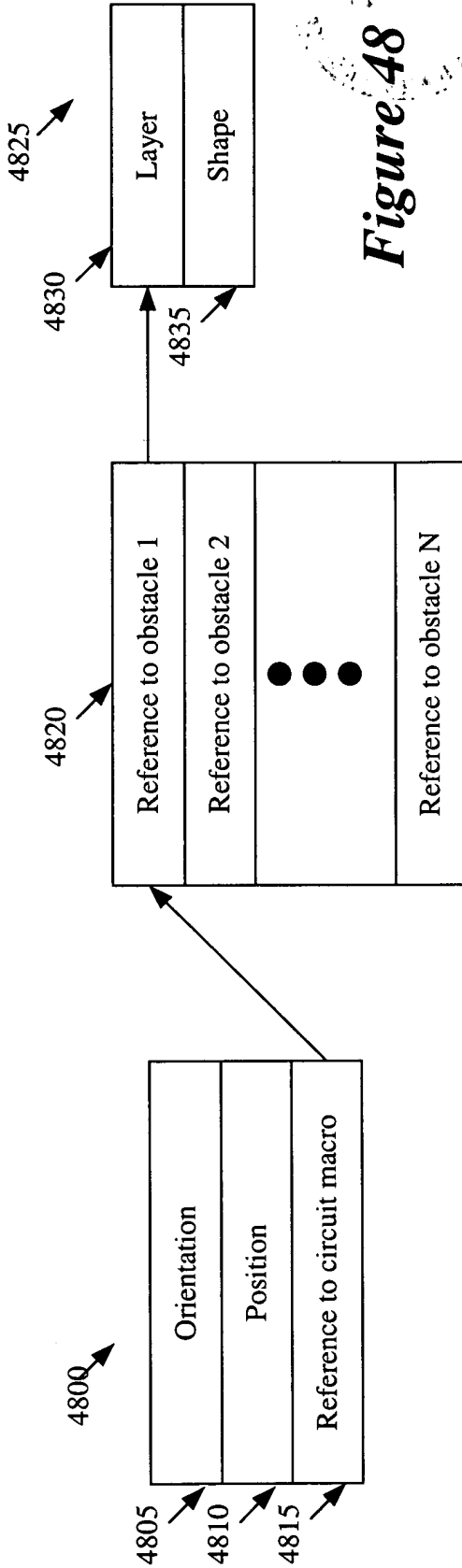
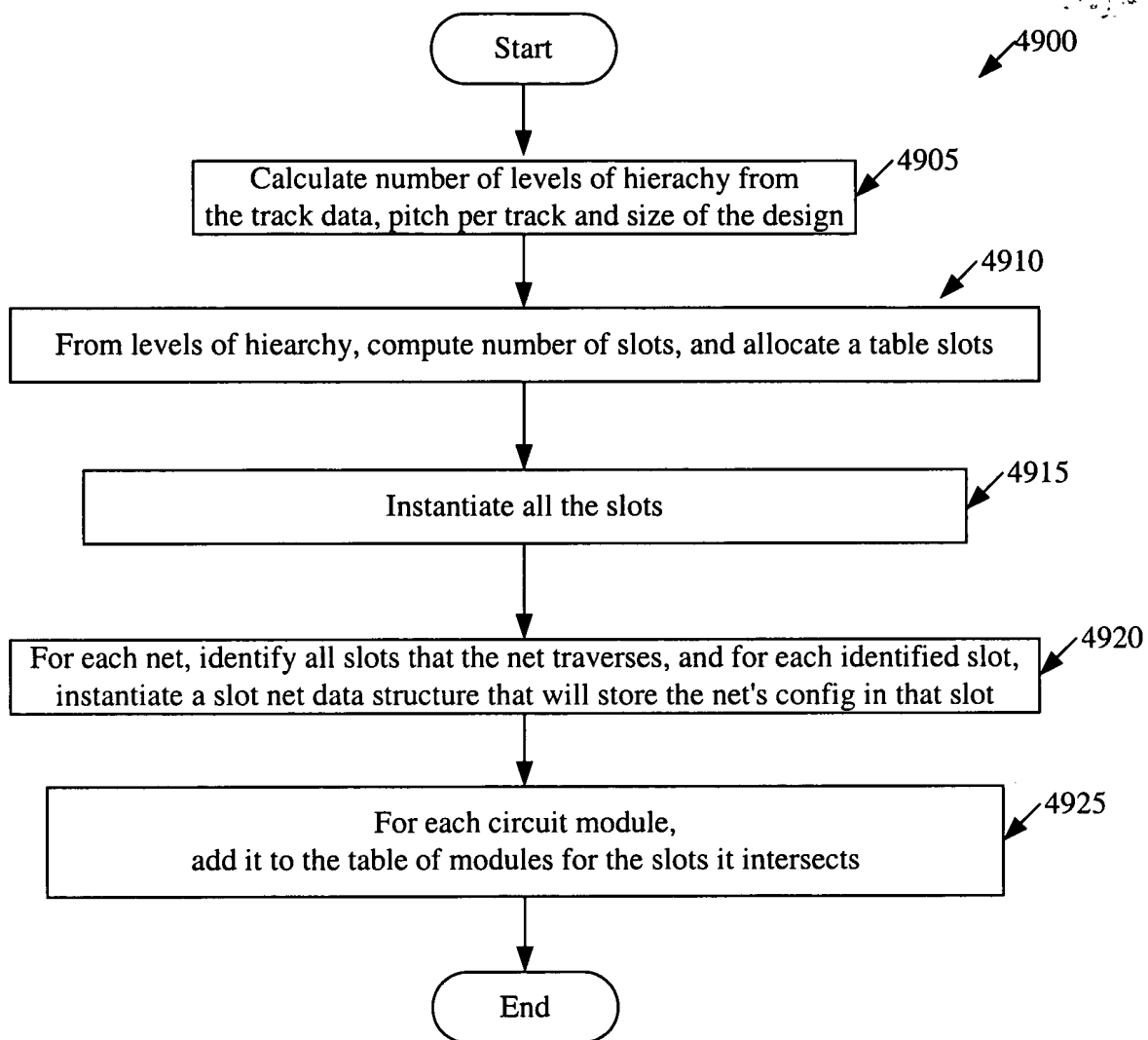
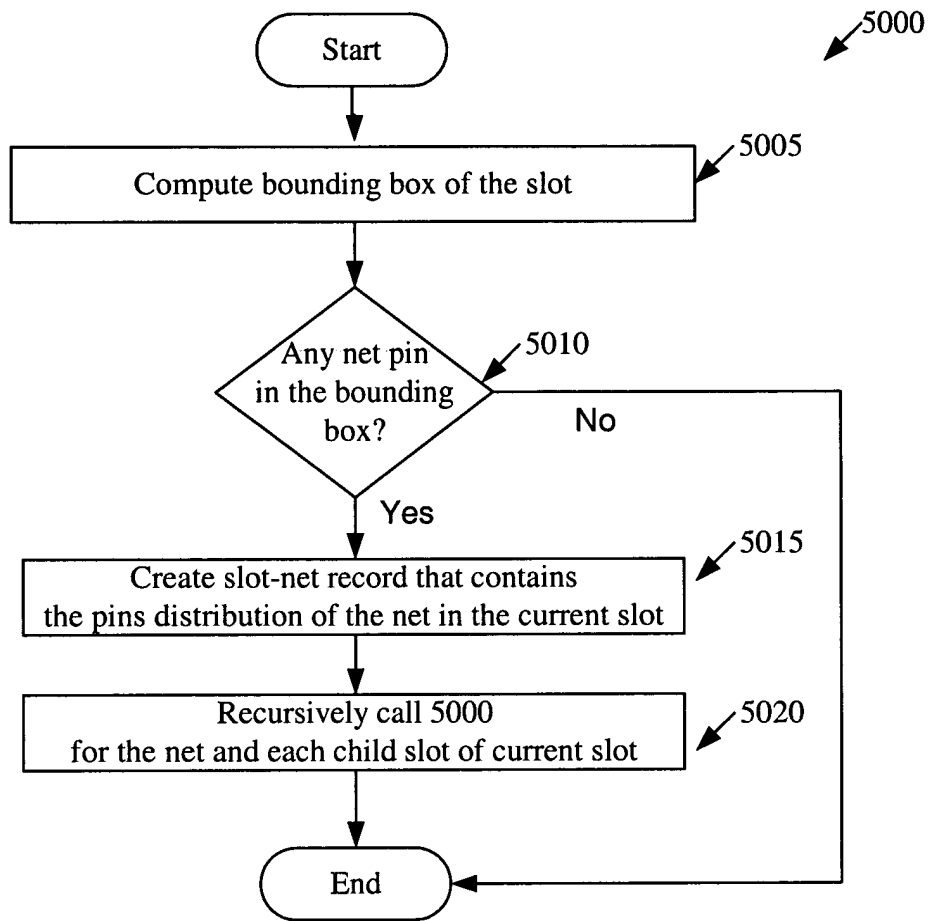


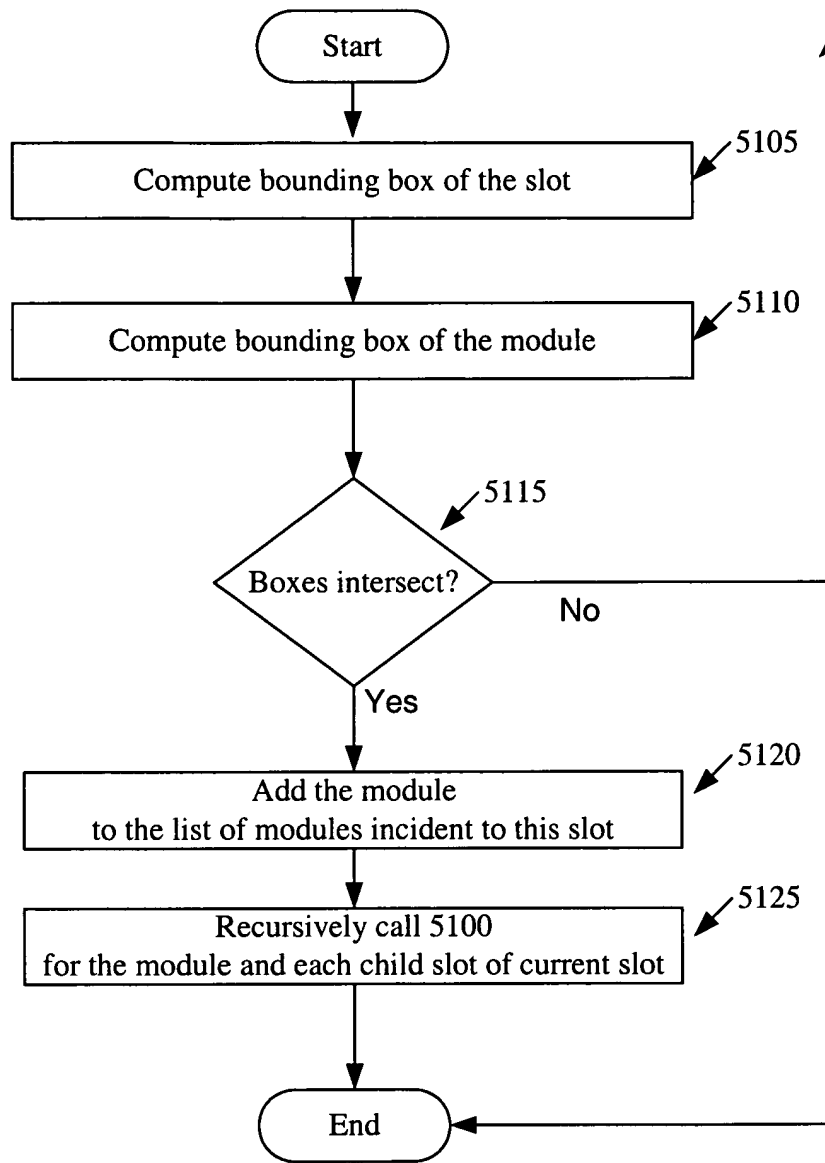
Figure 48



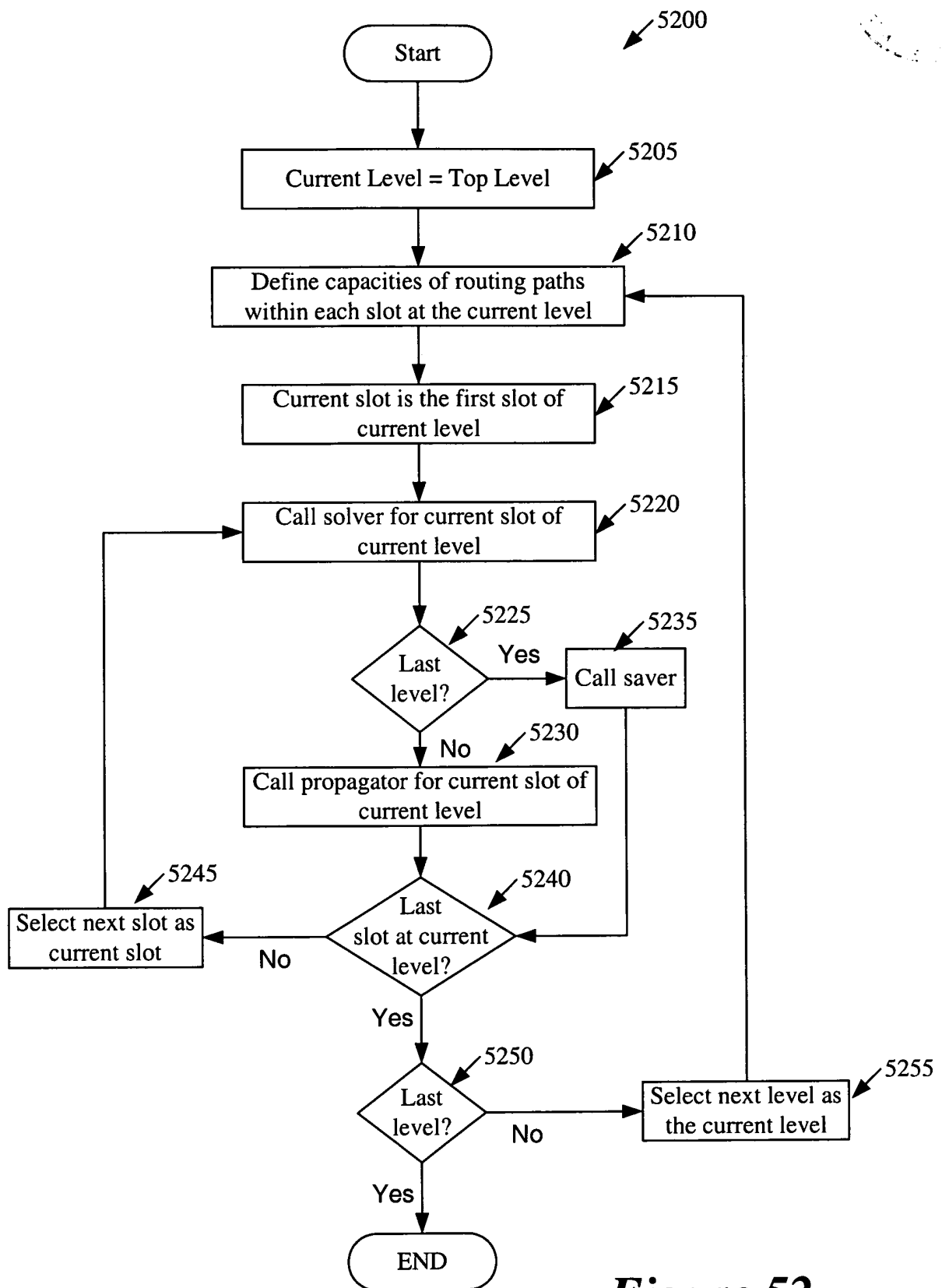
**Figure 49**



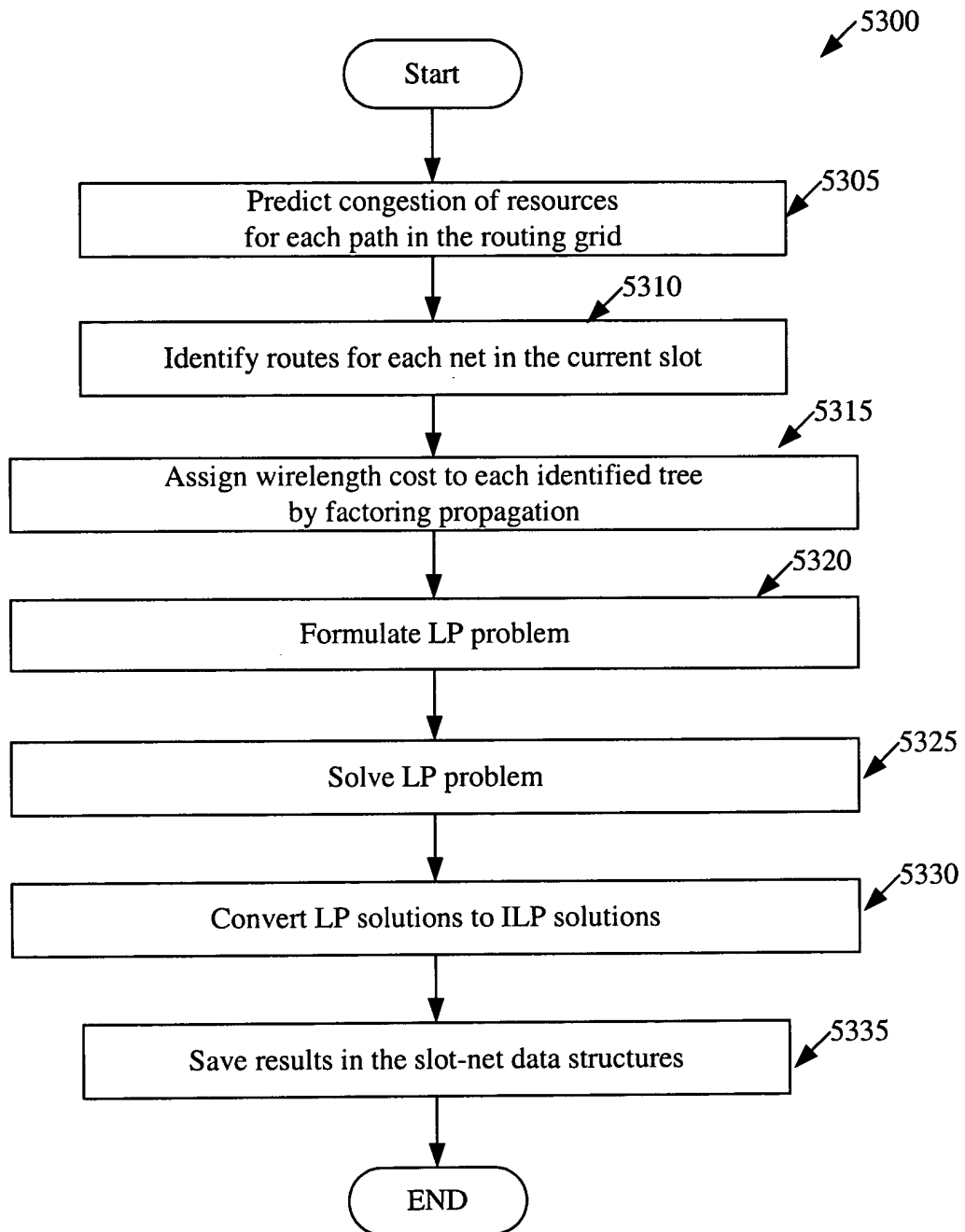
*Figure 50*



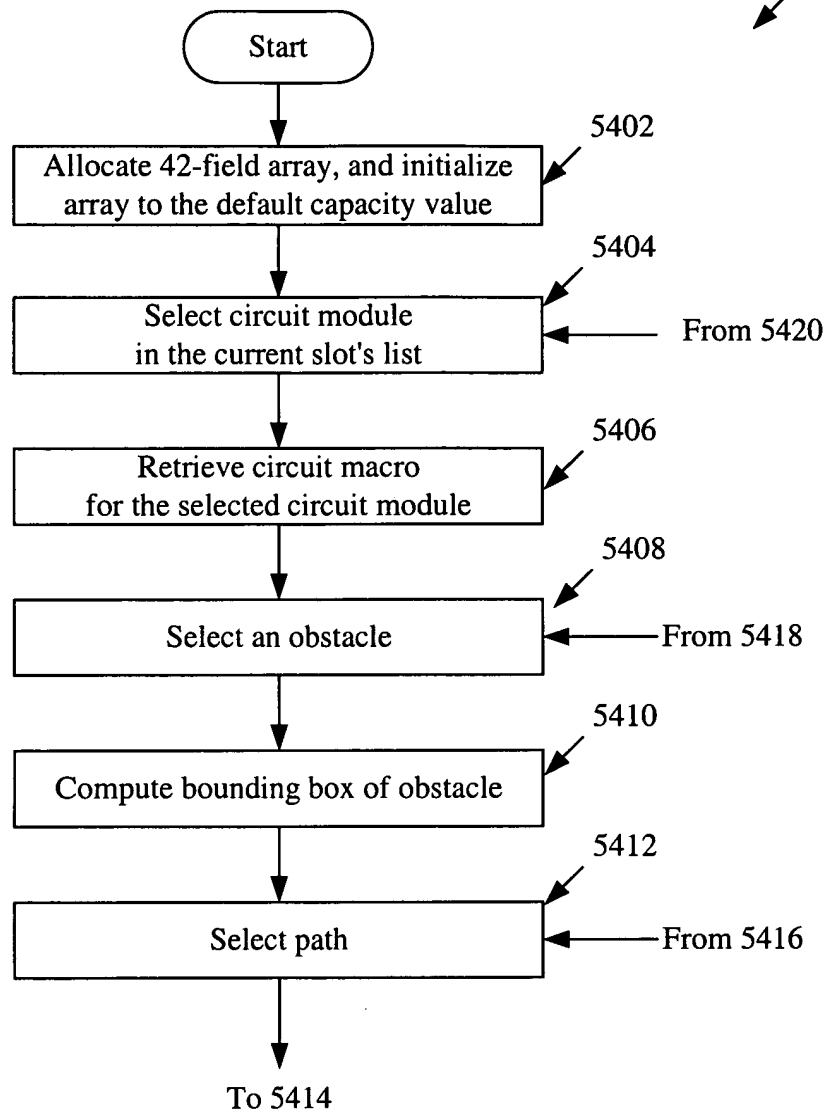
**Figure 51**



**Figure 52**

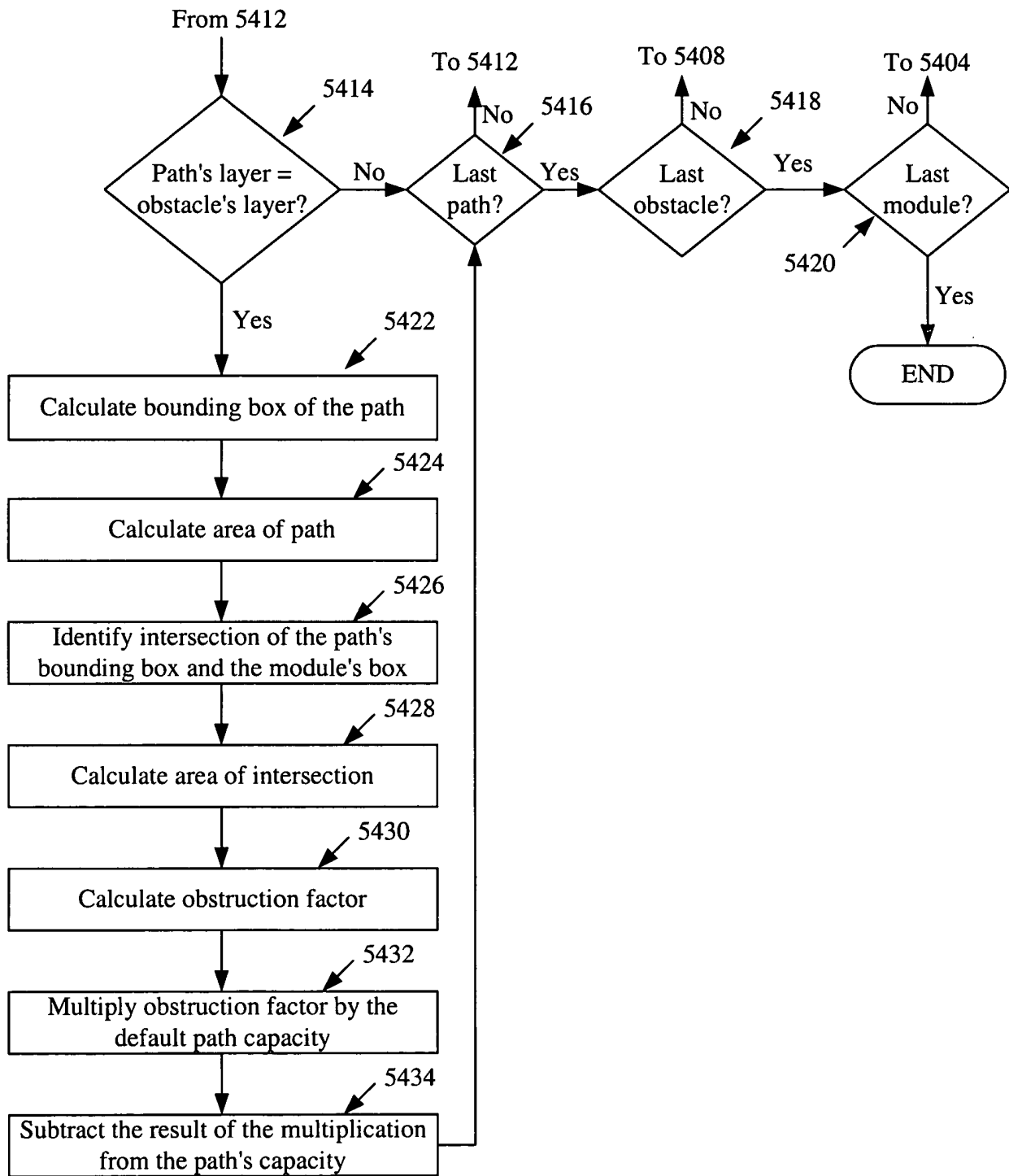


**Figure 53**

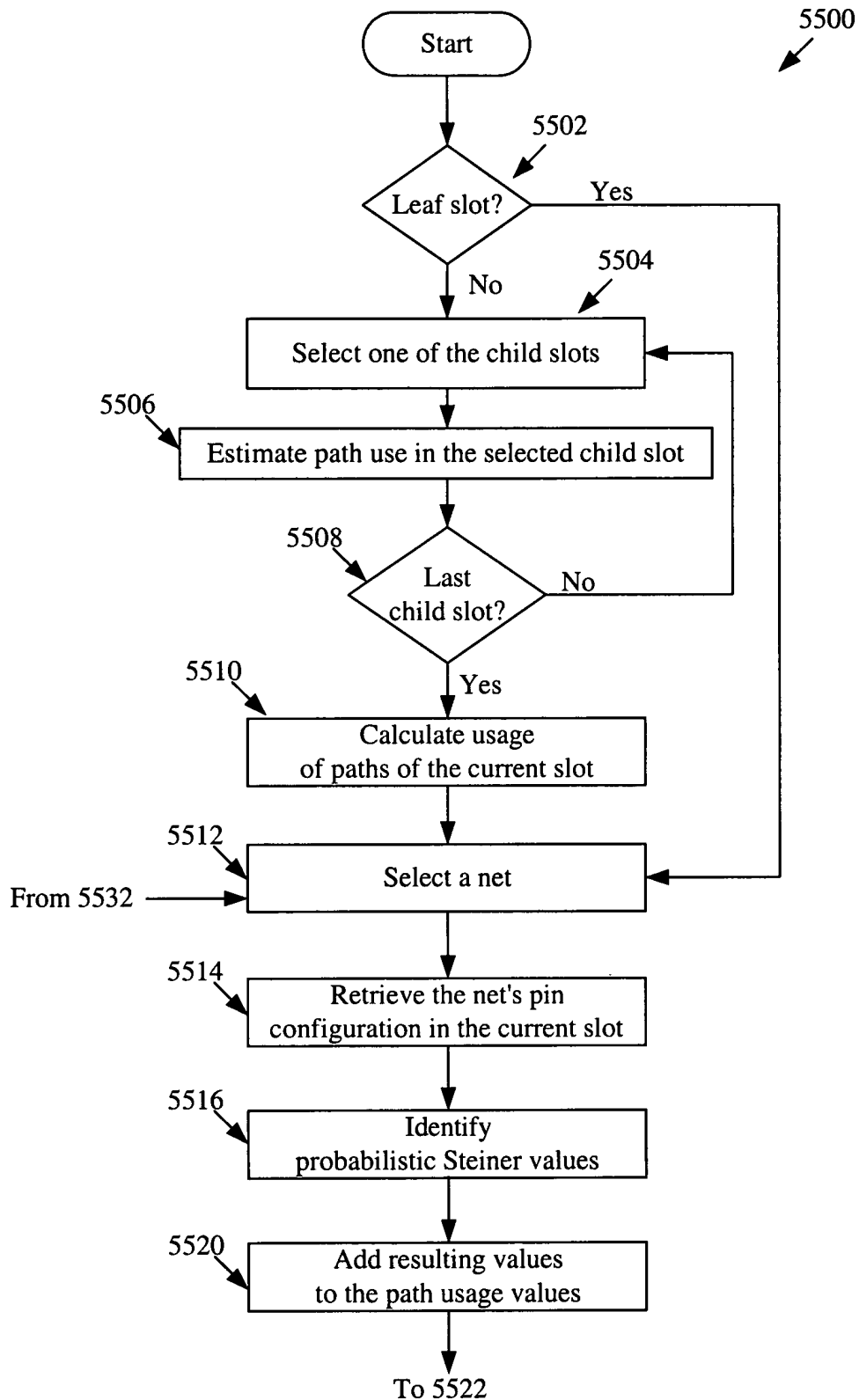


**Figure 54A**

**Figure 54: Figure 54A  
Figure 54B**

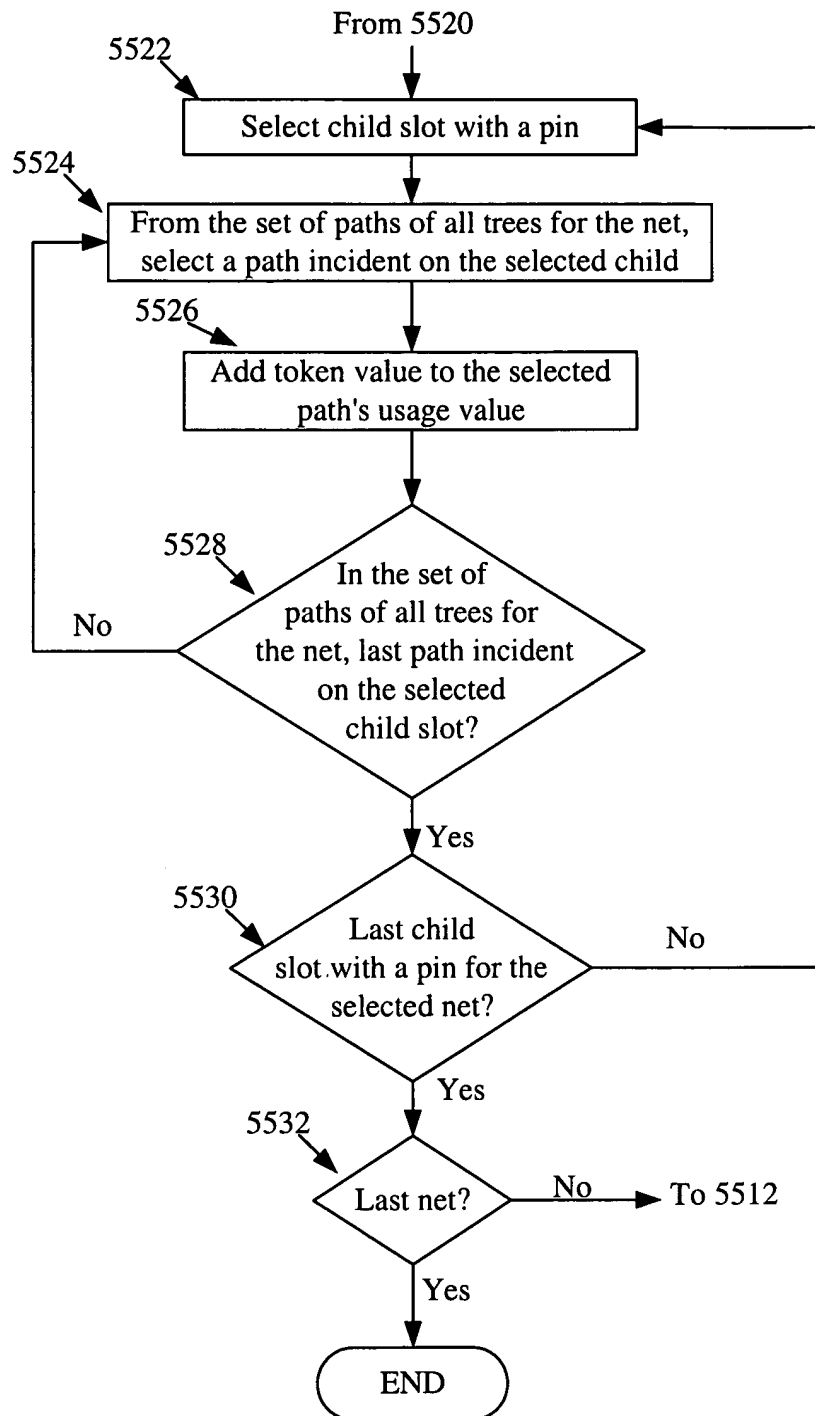


**Figure 54B**



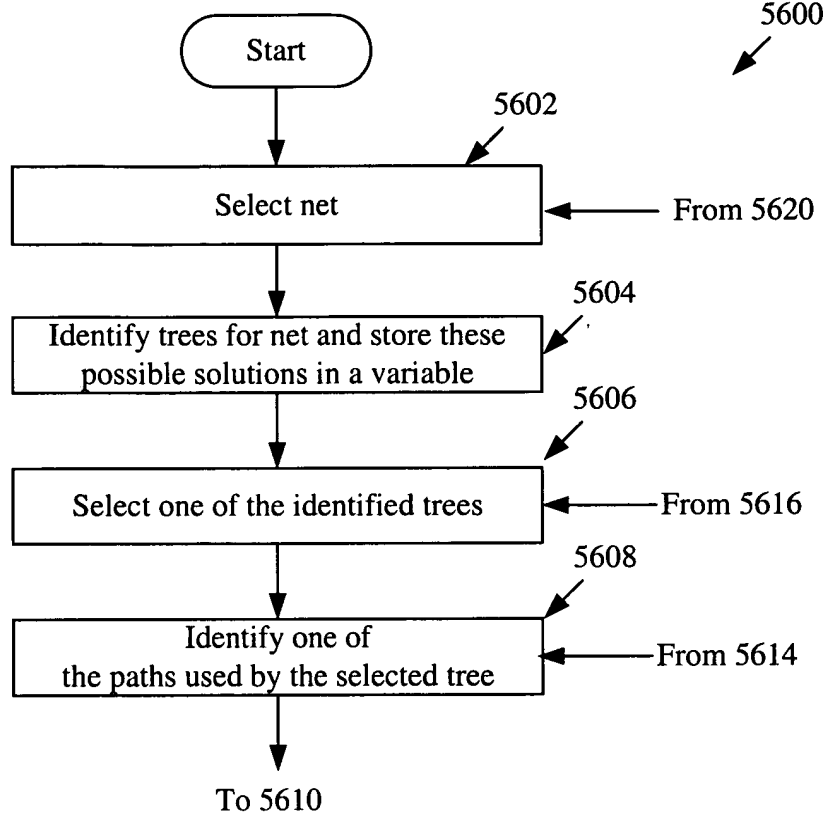
**Figure 55A**

**Figure 55: Figure 55A  
Figure 55B**



**Figure 55B**

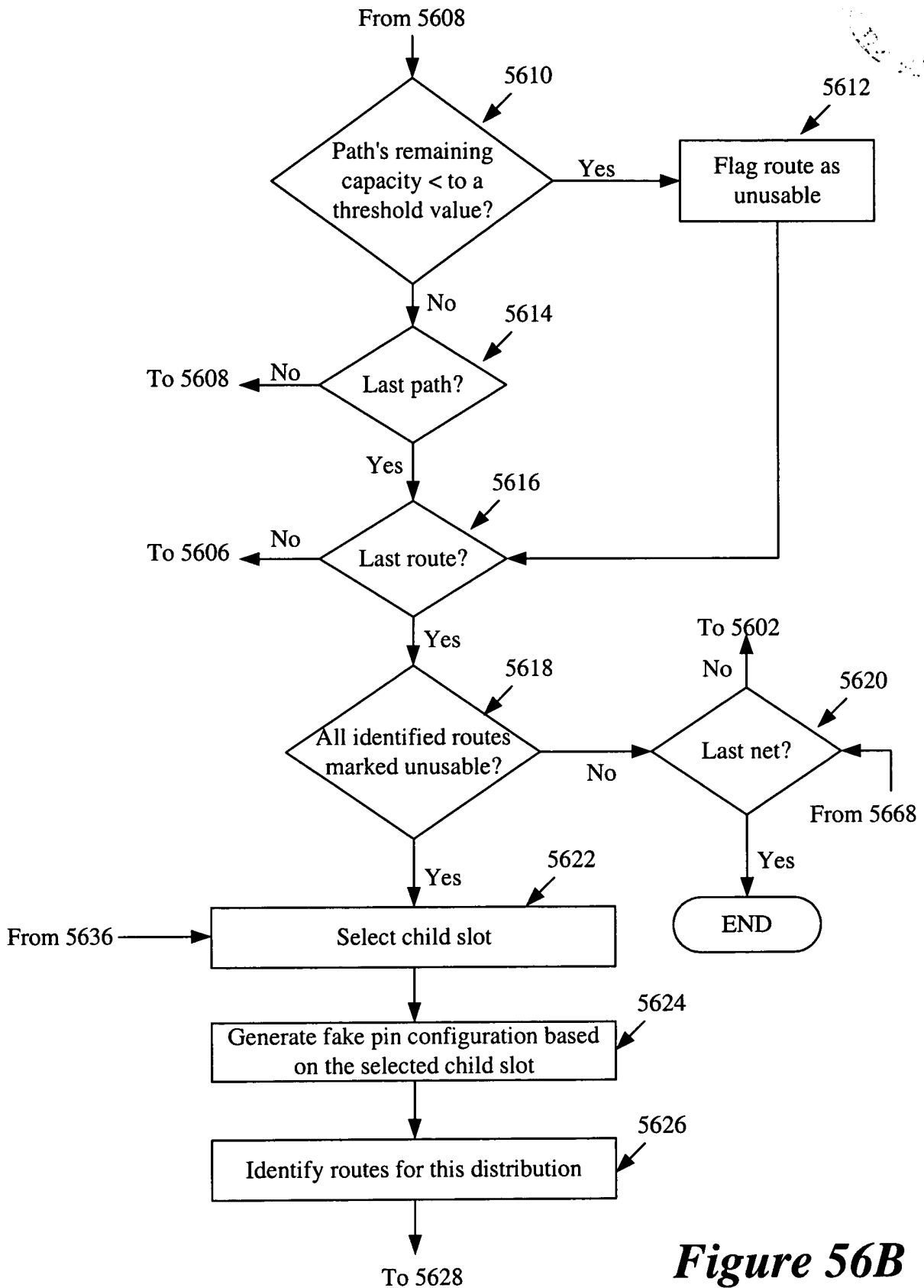
202740-4504004



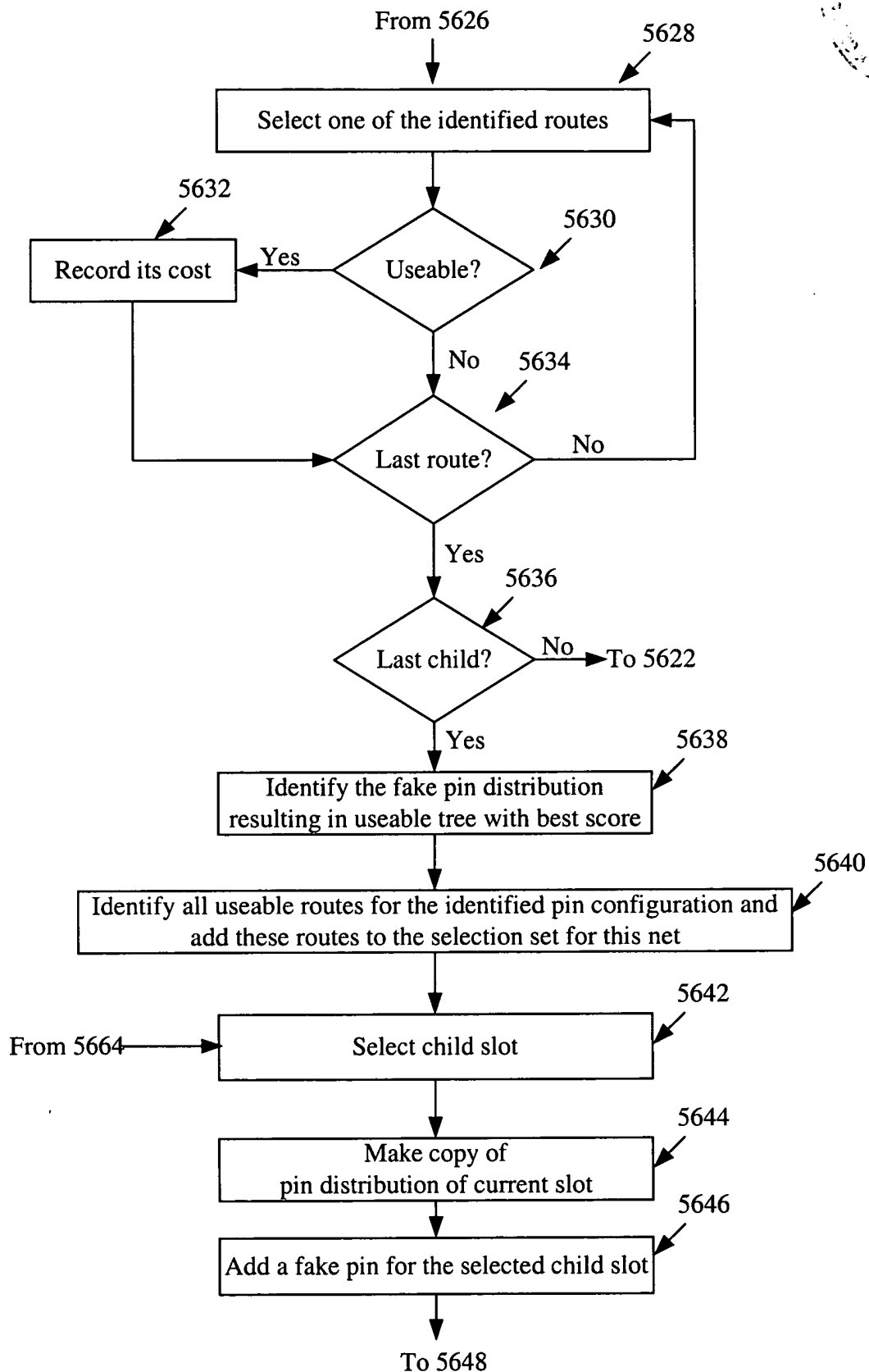
**Figure 56A**

**Figure 56:** Figure 56A  
Figure 56B  
Figure 56C  
Figure 56D

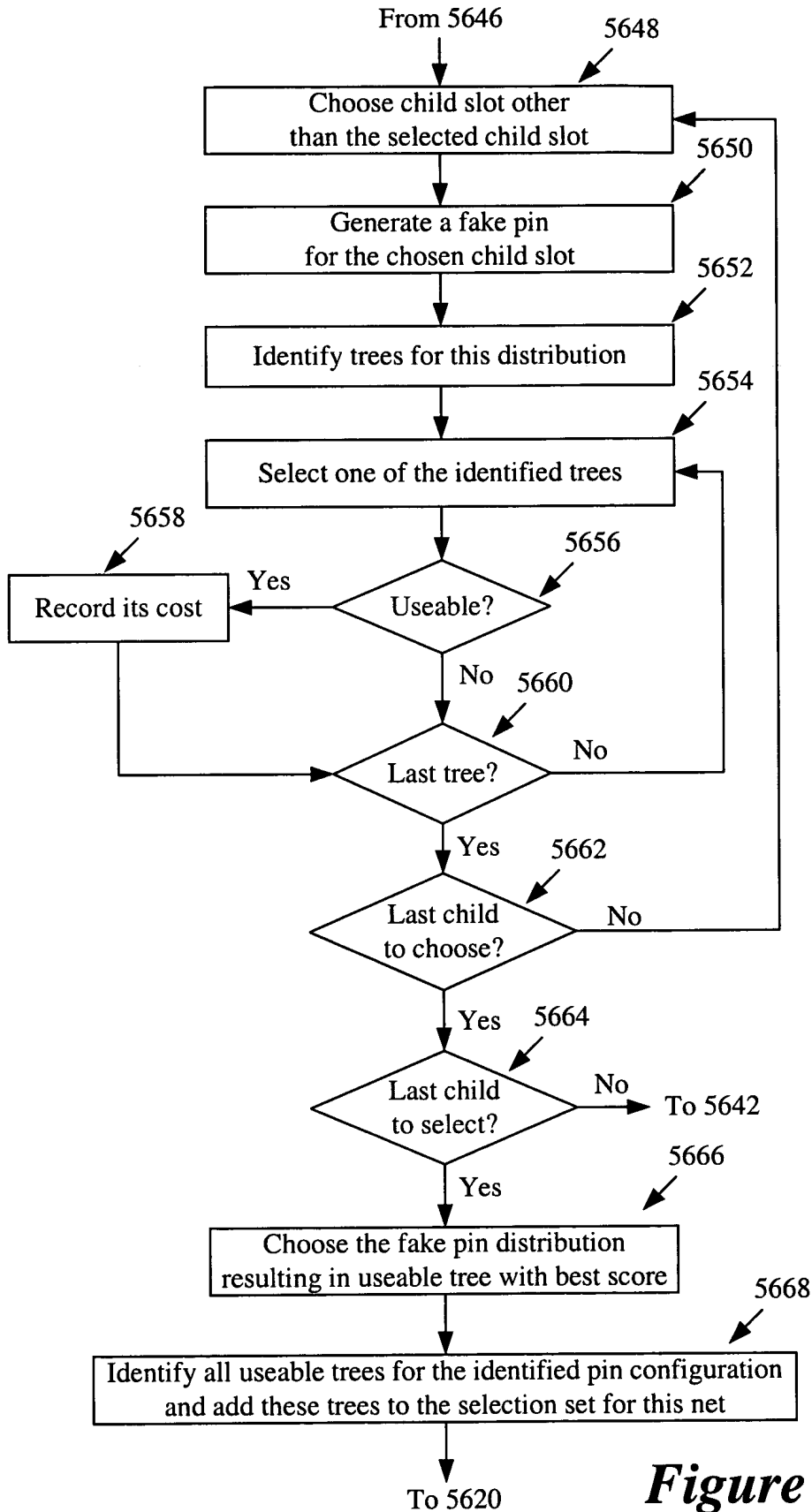
2024-04-20 15:04:00



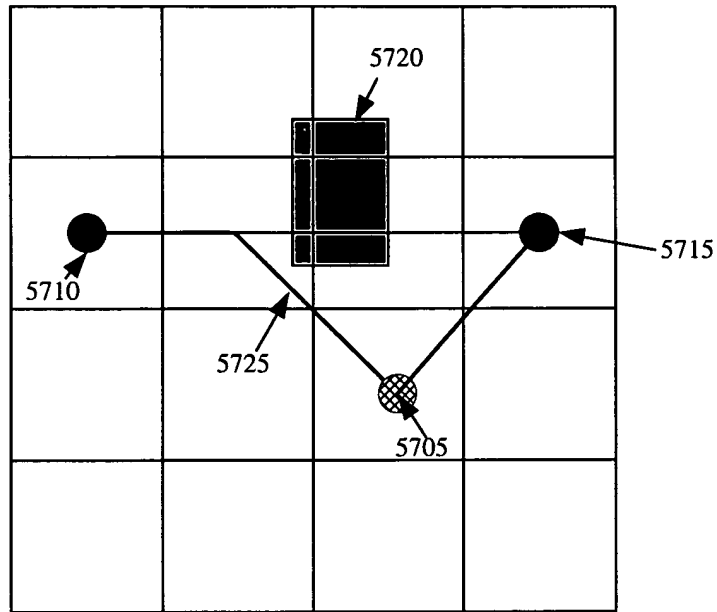
**Figure 56B**



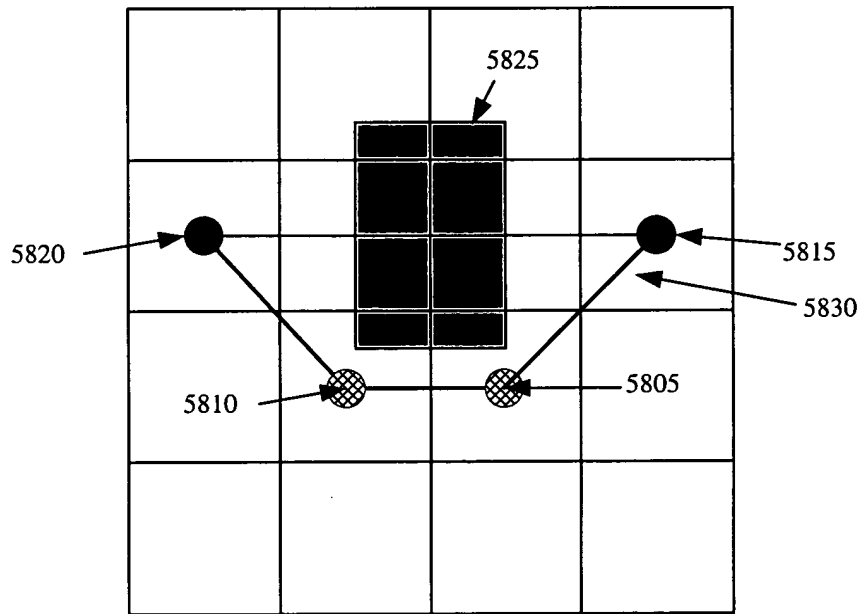
**Figure 56C**



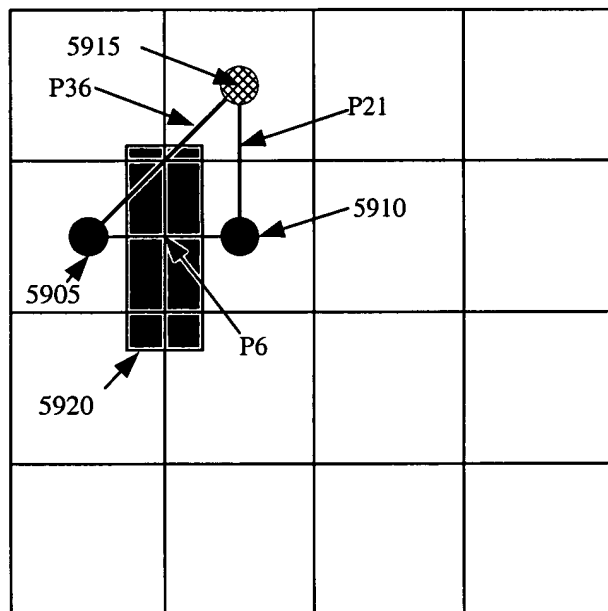
**Figure 56D**



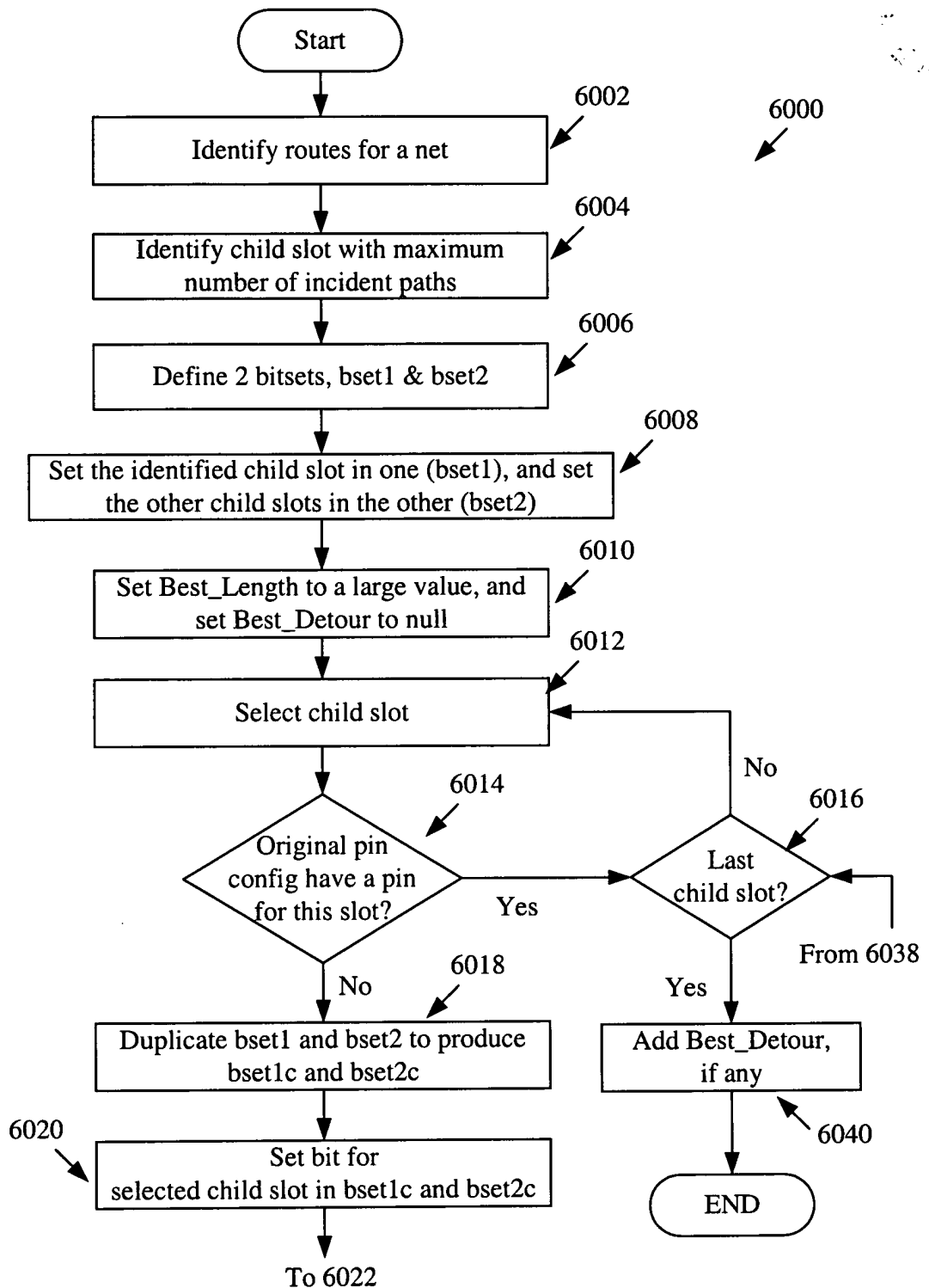
*Figure 57*



*Figure 58*

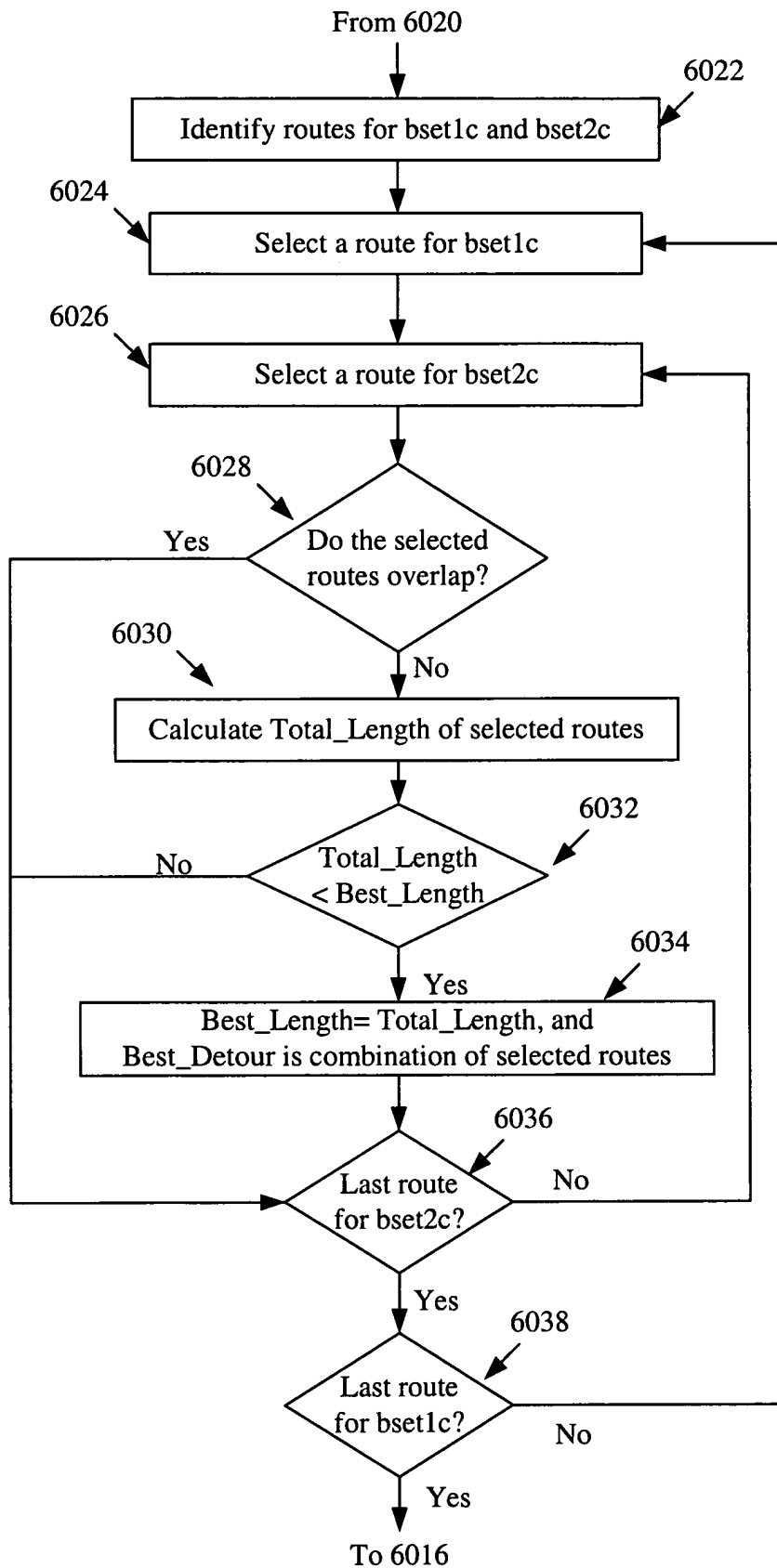


*Figure 59*



**Figure 60A**

**Figure 60:** Figure 60A  
Figure 60B



**Figure 60B**

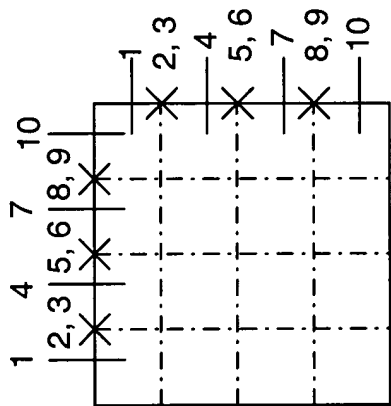


Figure 61

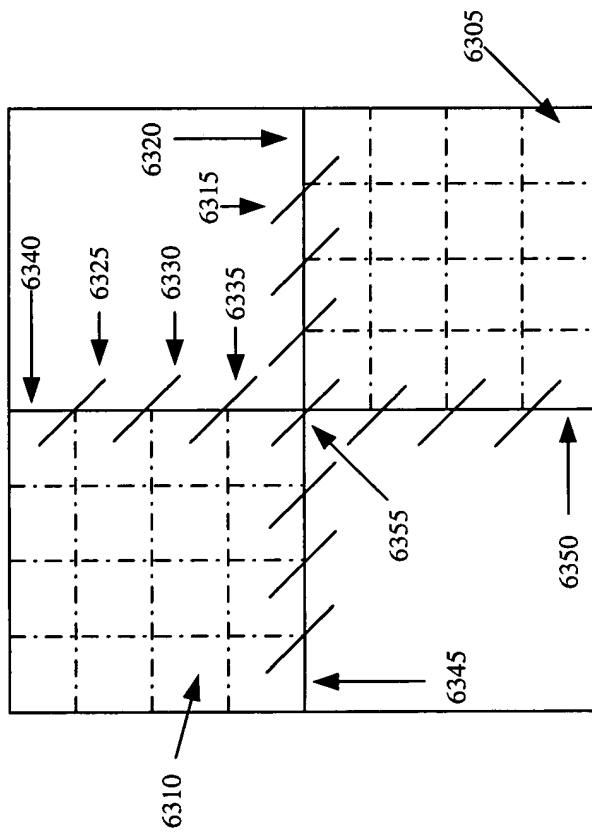


Figure 63

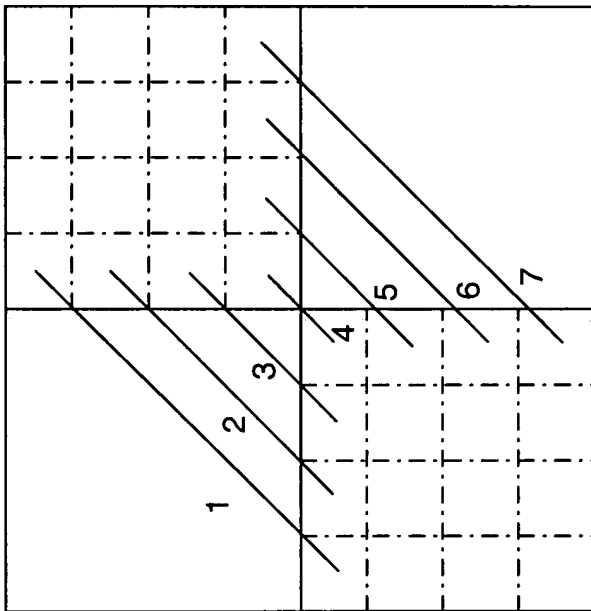
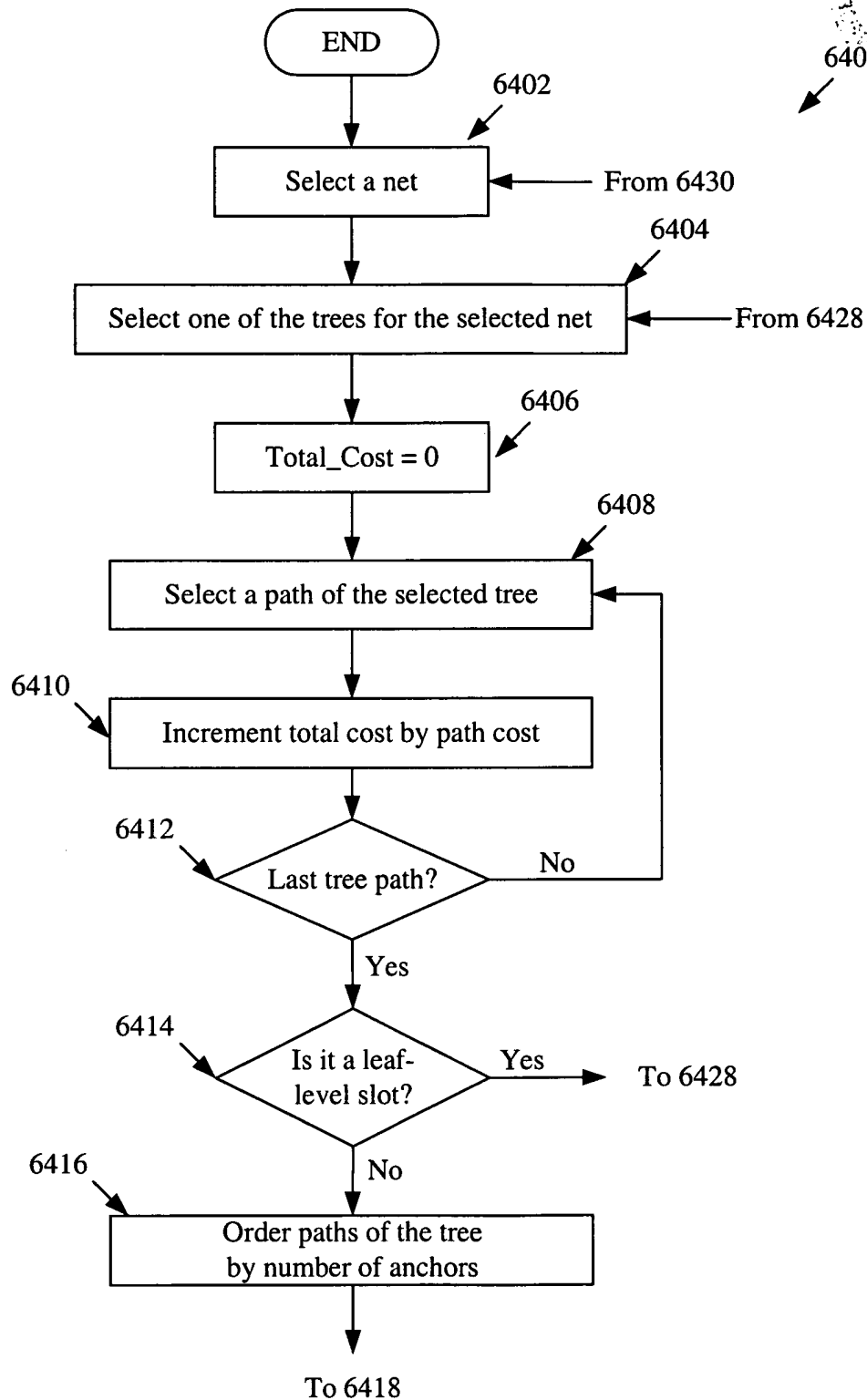
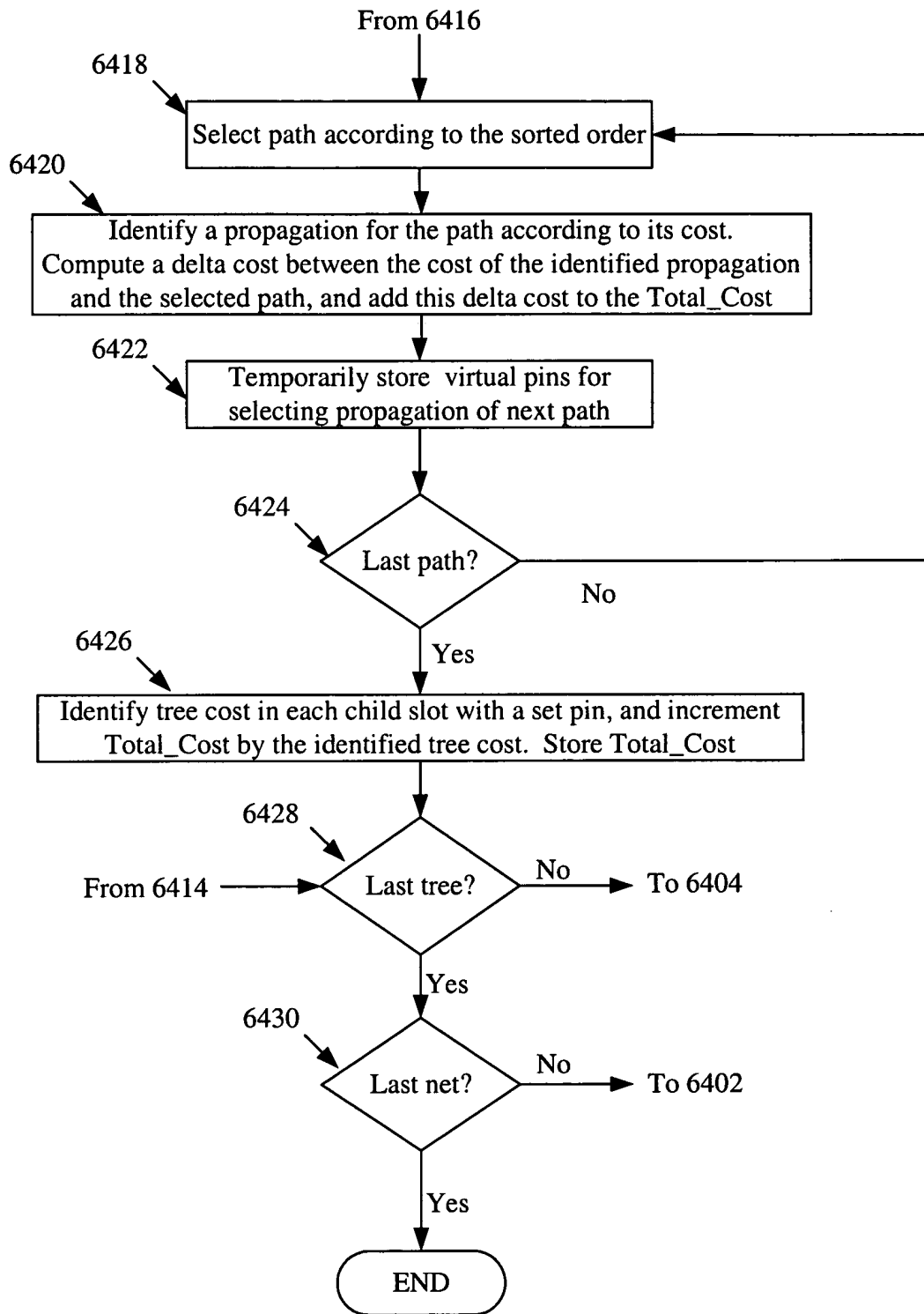


Figure 62



**Figure 64A**

**Figure 64:** Figure 64A  
Figure 64B



**Figure 64B**

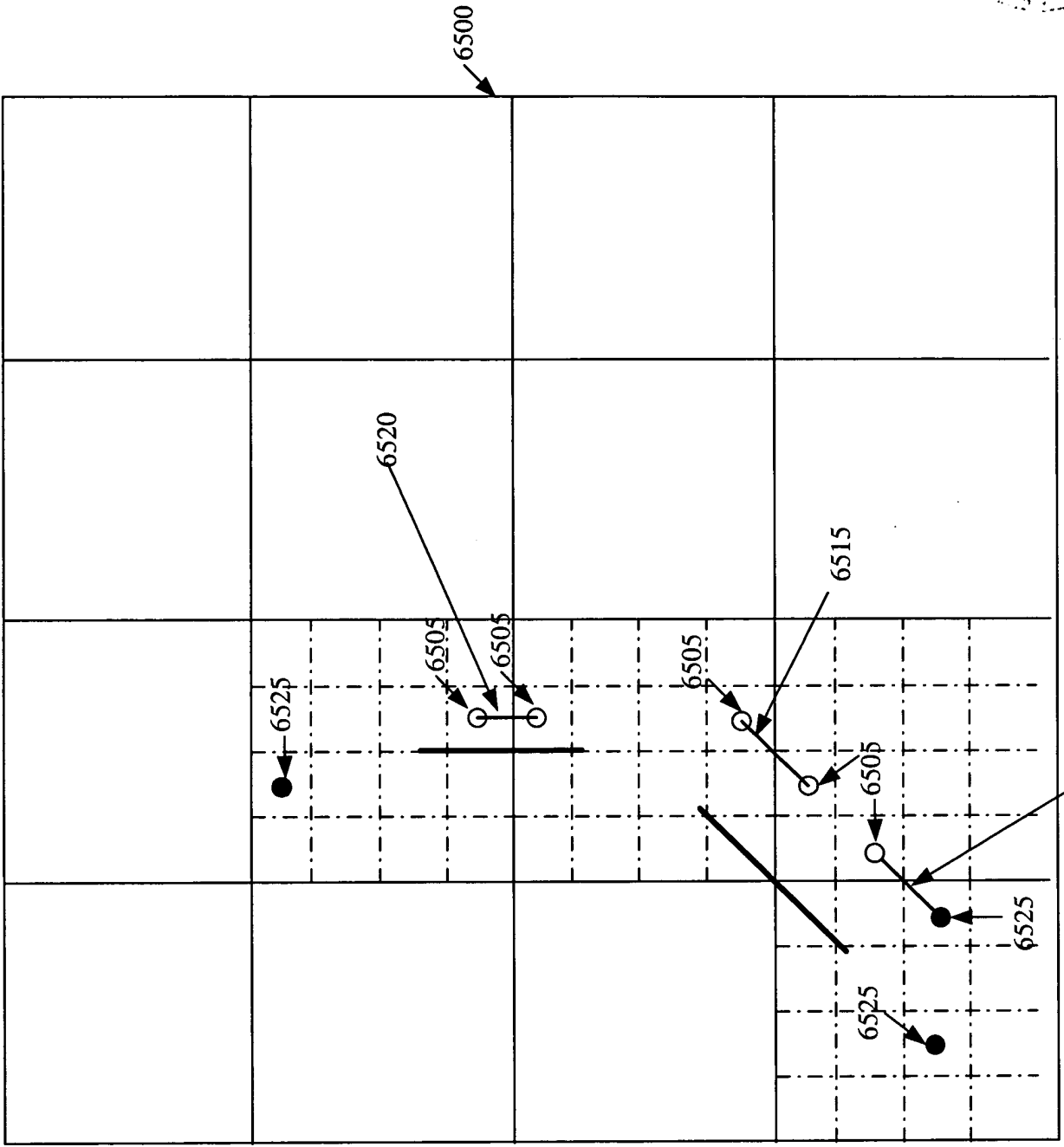


Figure 65

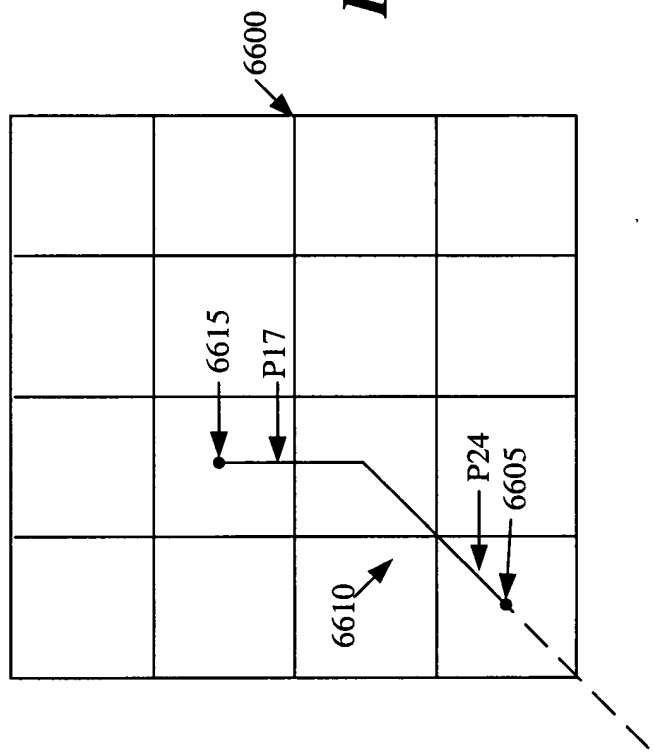


Figure 66

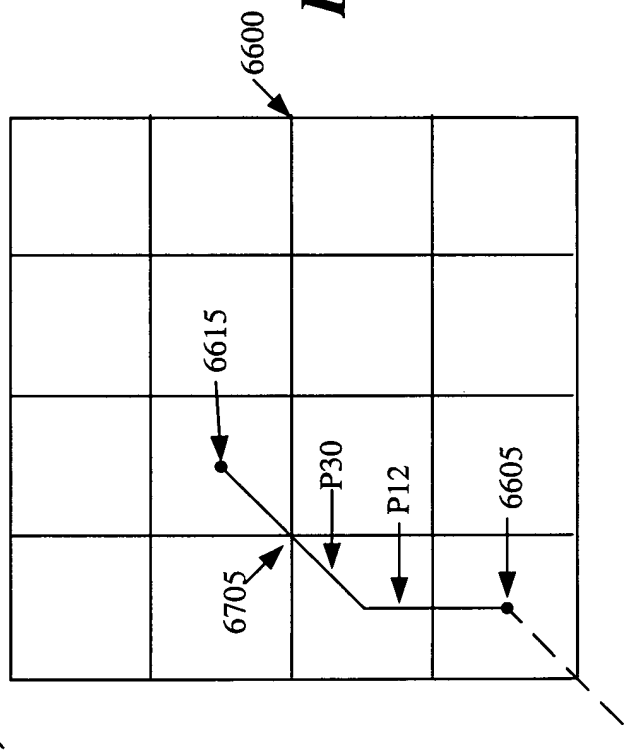
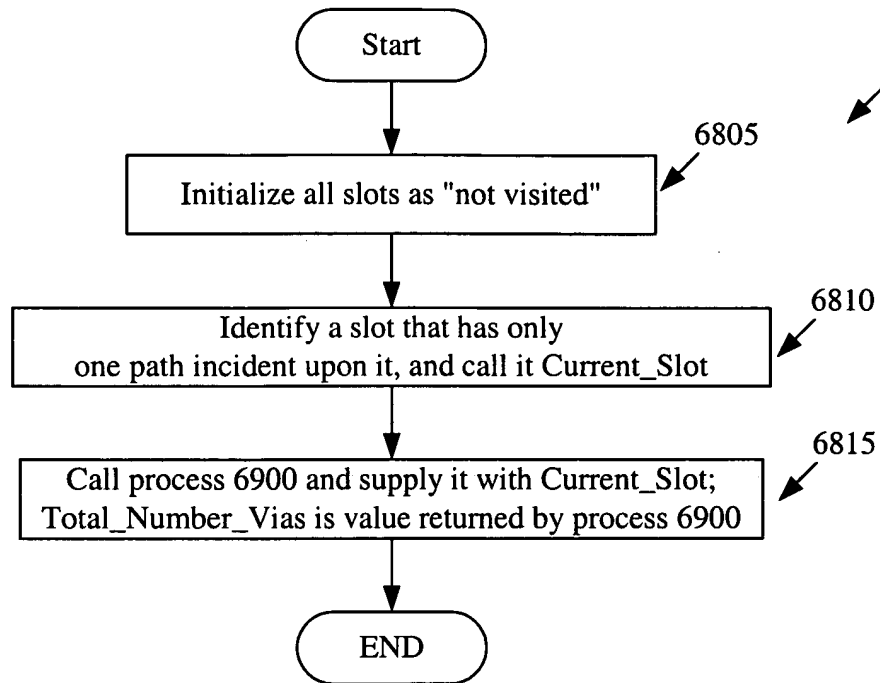
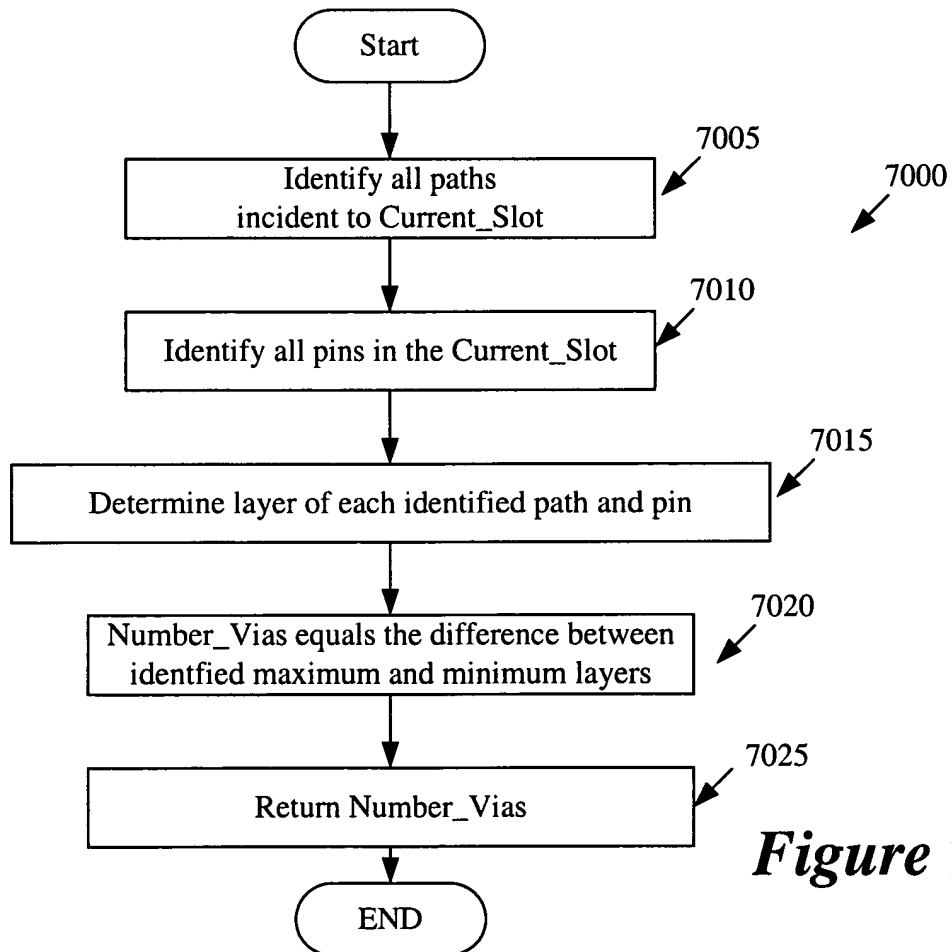


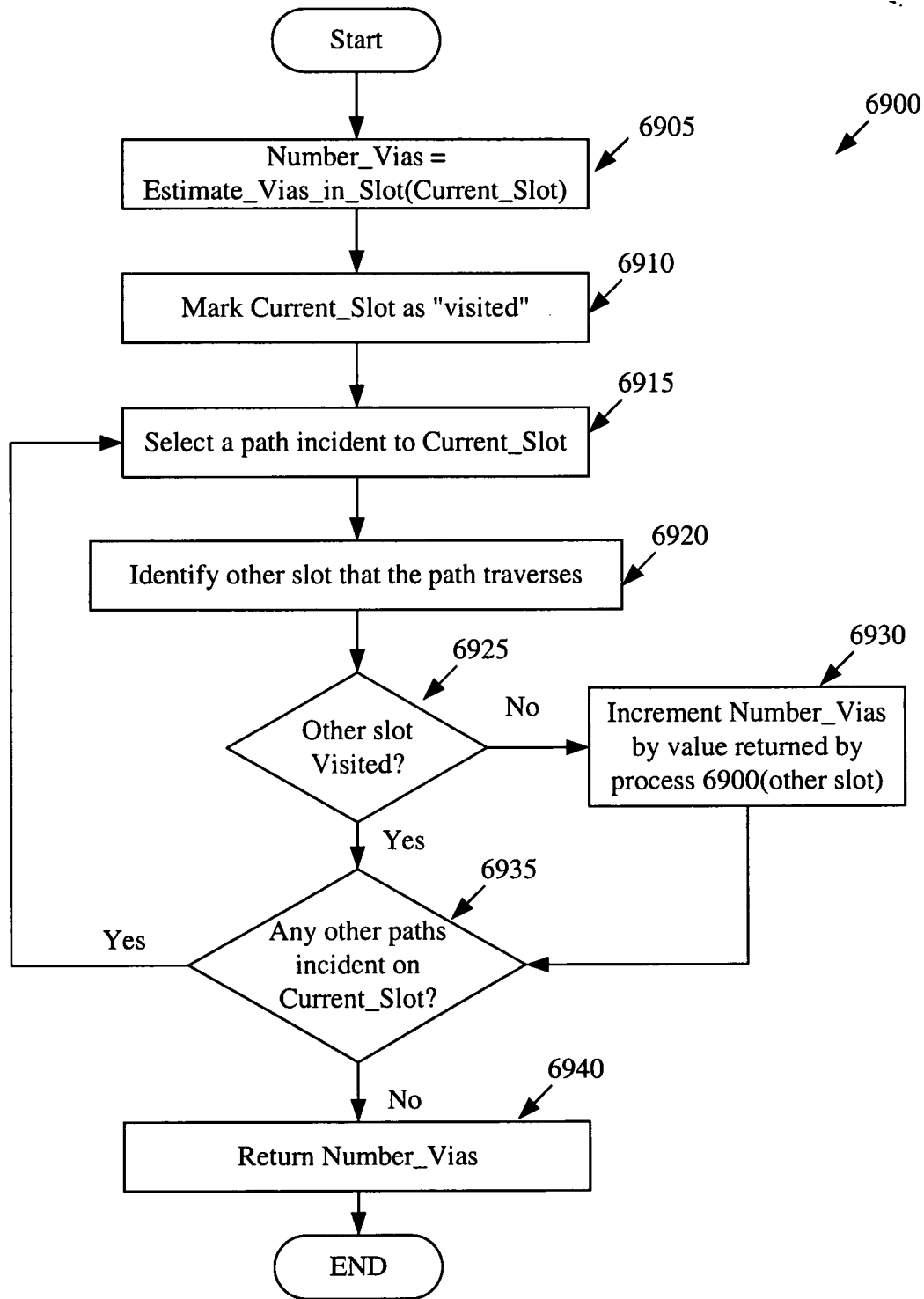
Figure 67



**Figure 68**



**Figure 70**



**Figure 69**

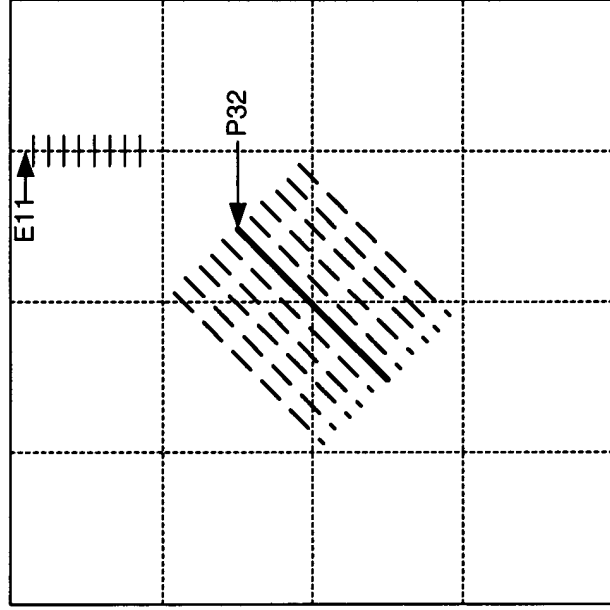


Figure 71

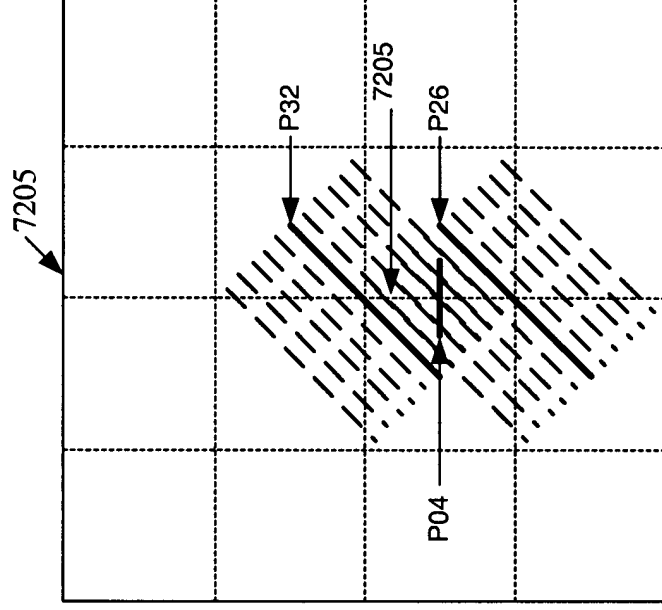
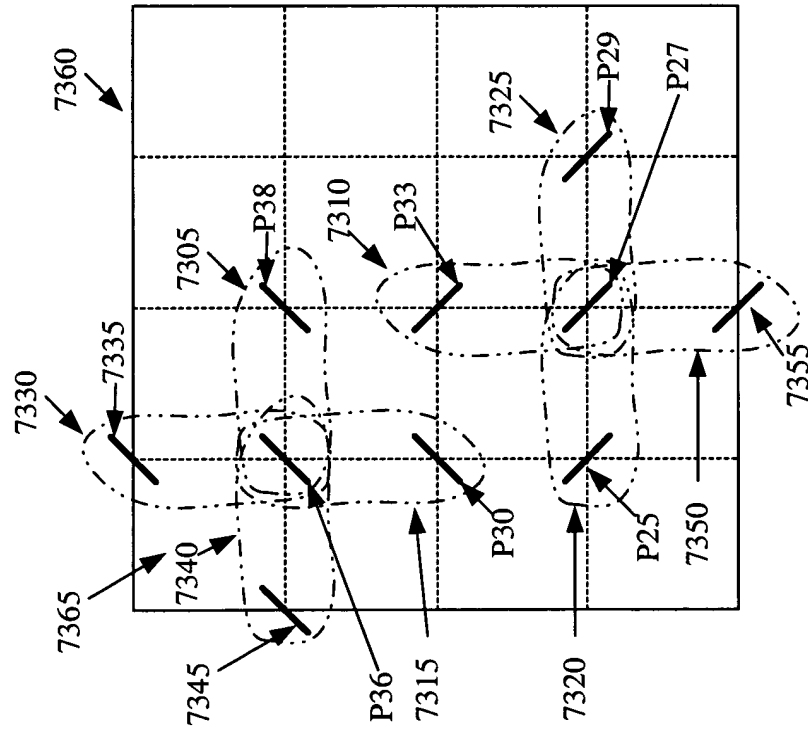
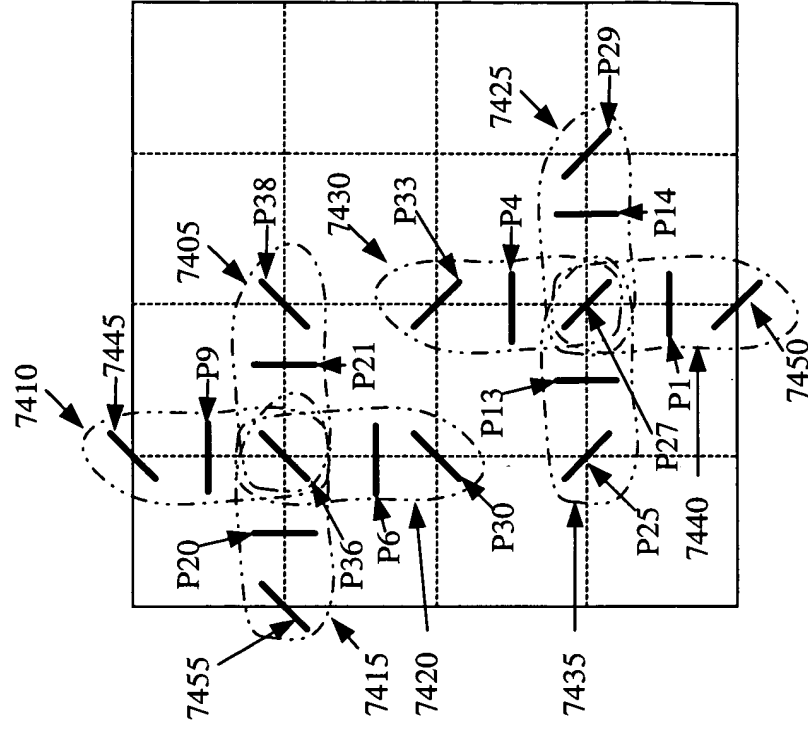


Figure 72





**Figure 73**



**Figure 74**

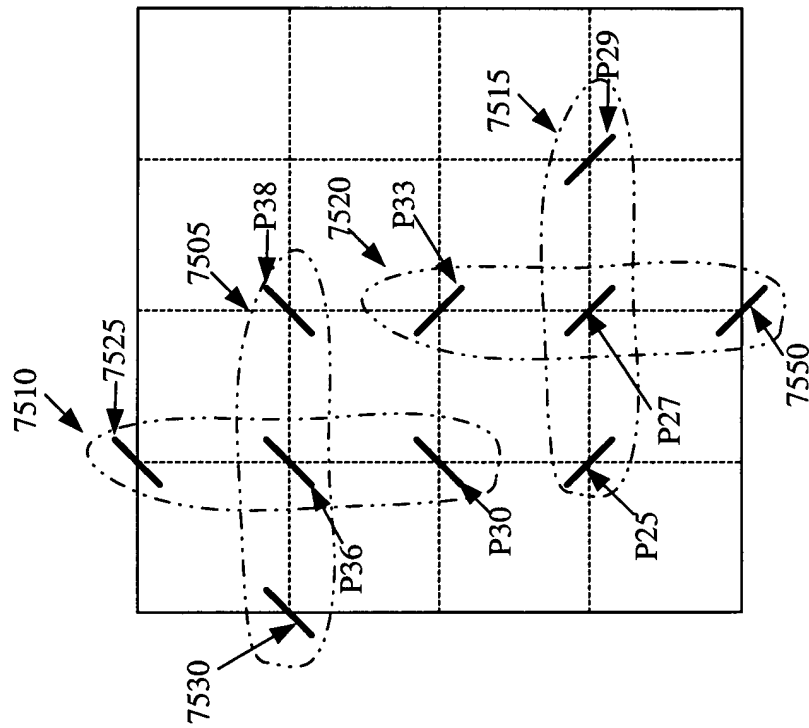
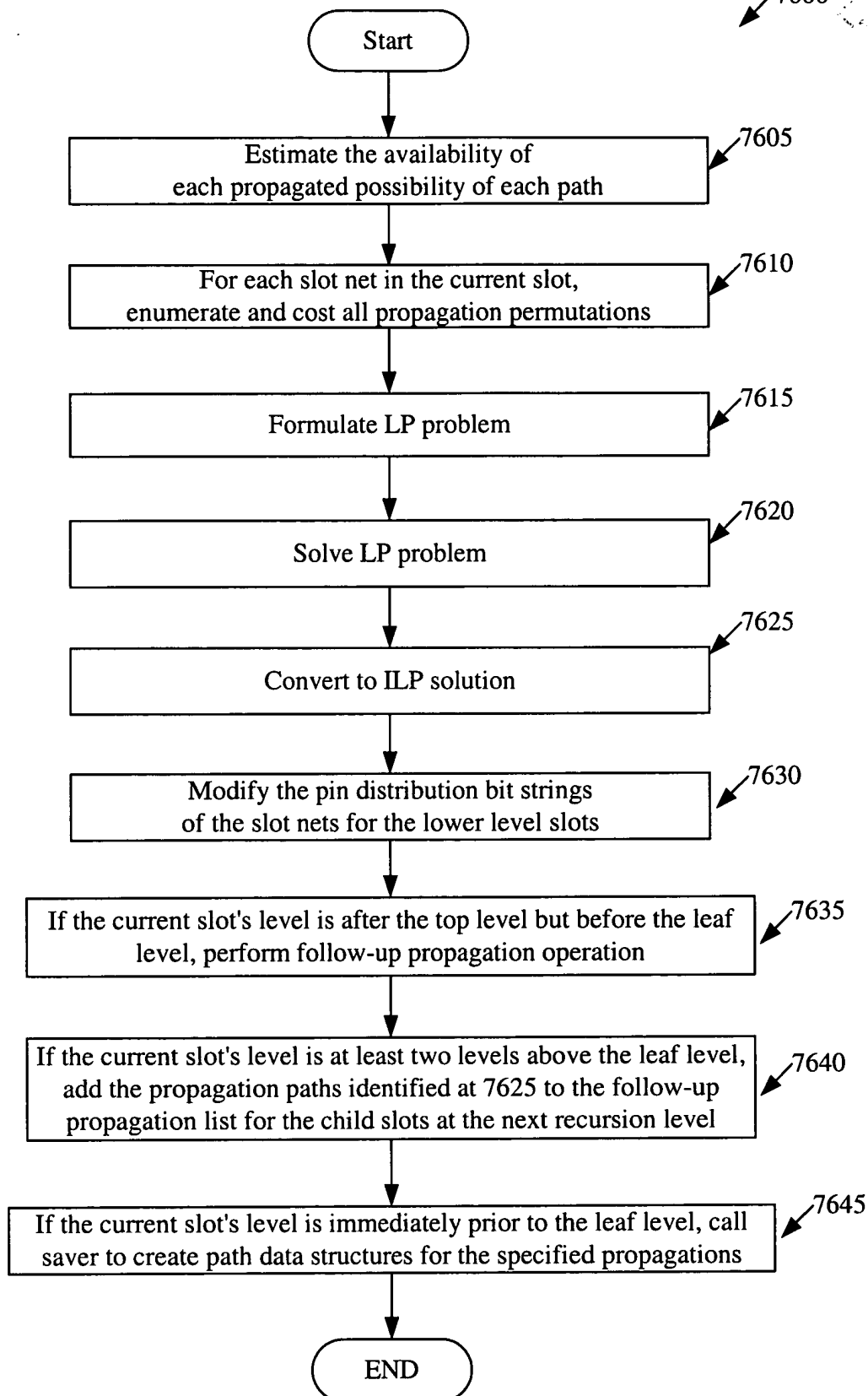
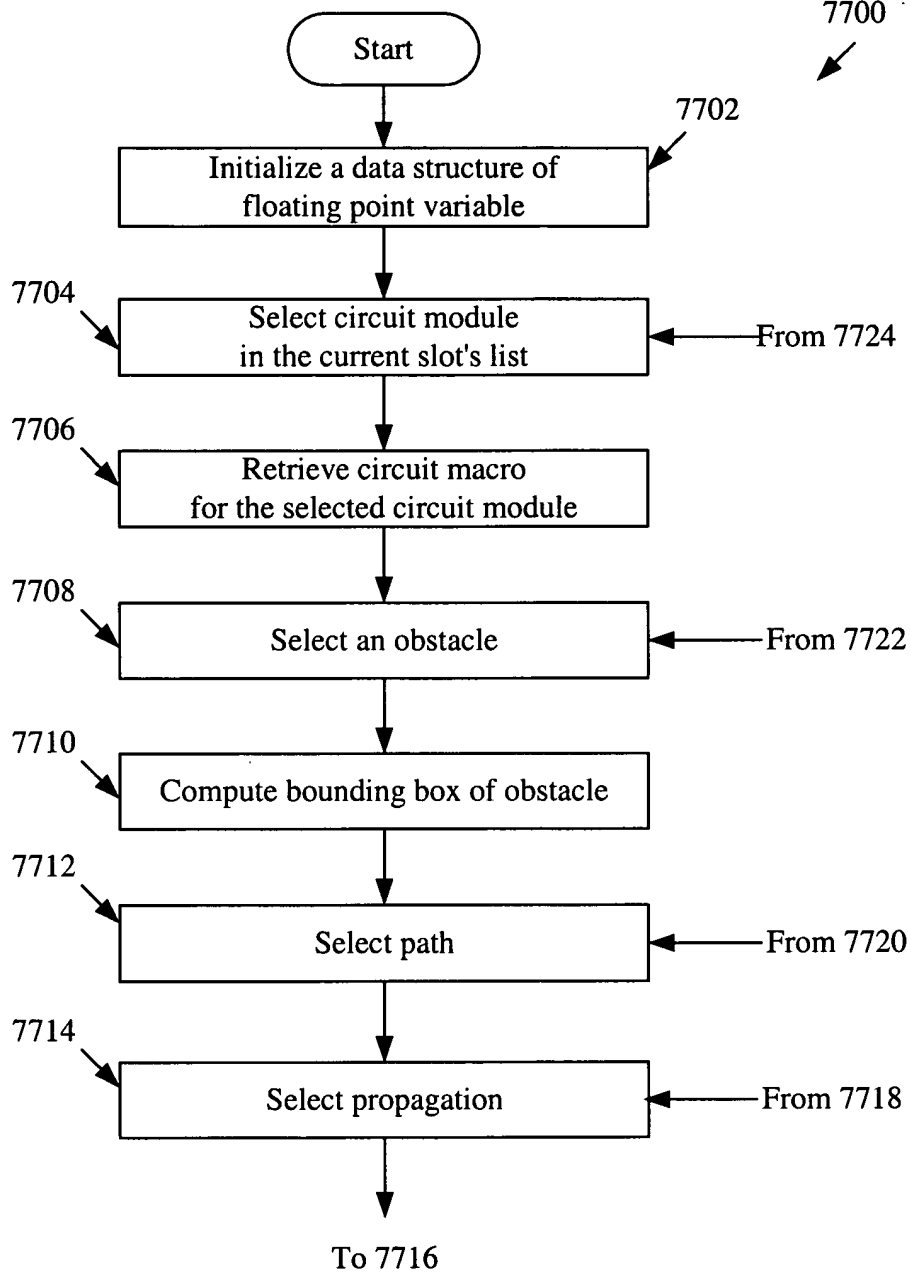


Figure 75



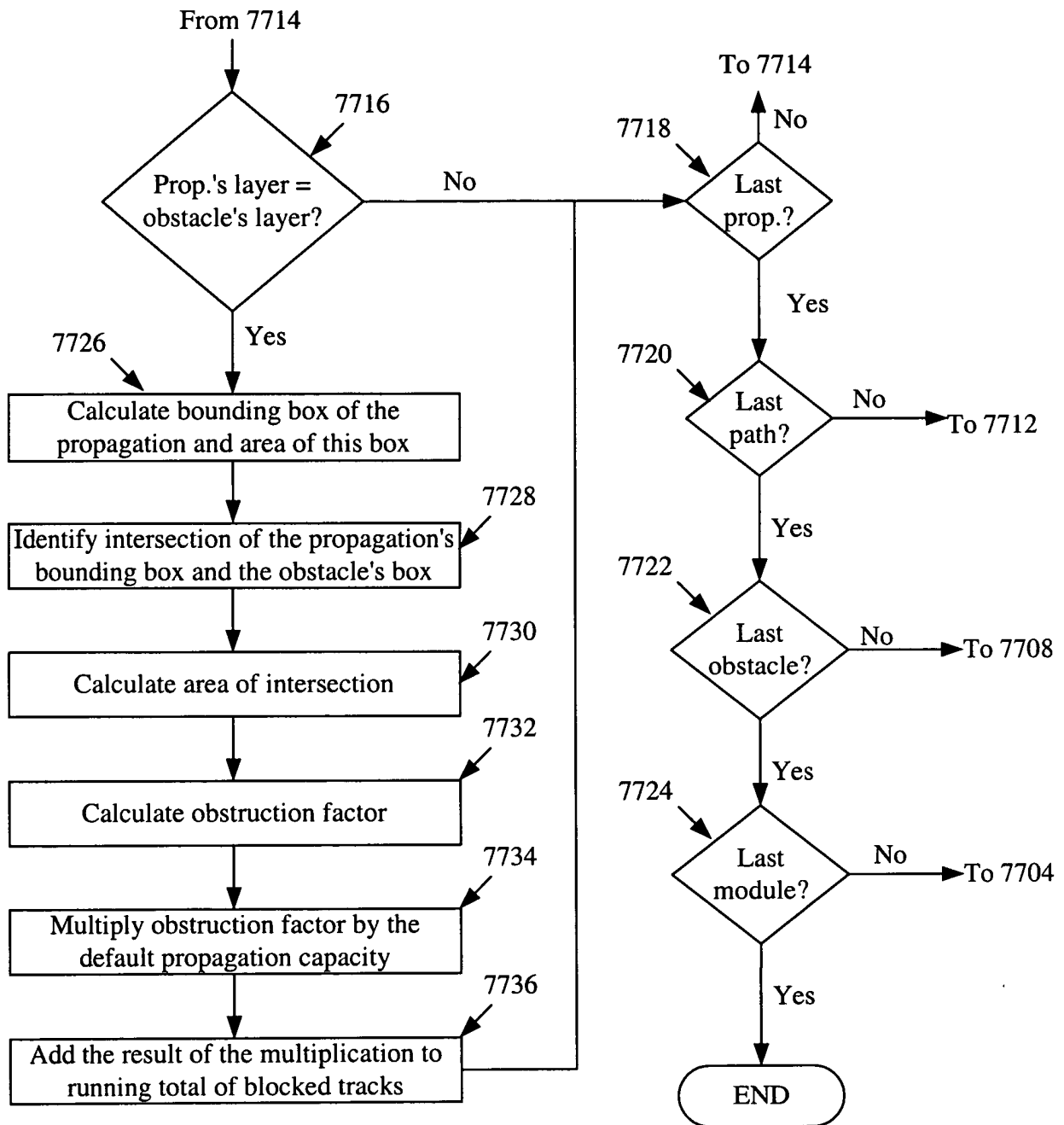


**Figure 76**



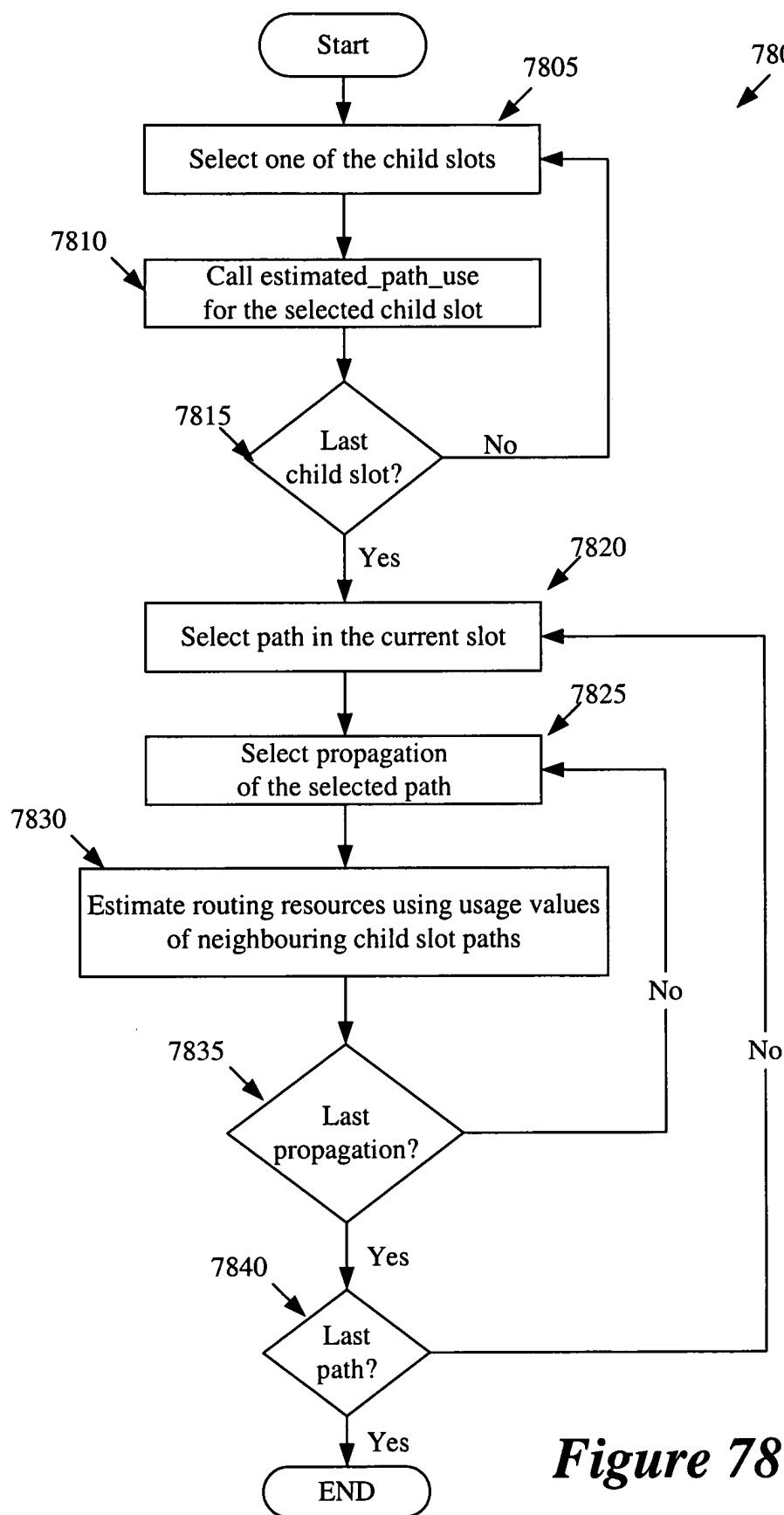
**Figure 77A**

**Figure 77: Figure 77A  
Figure 77B**

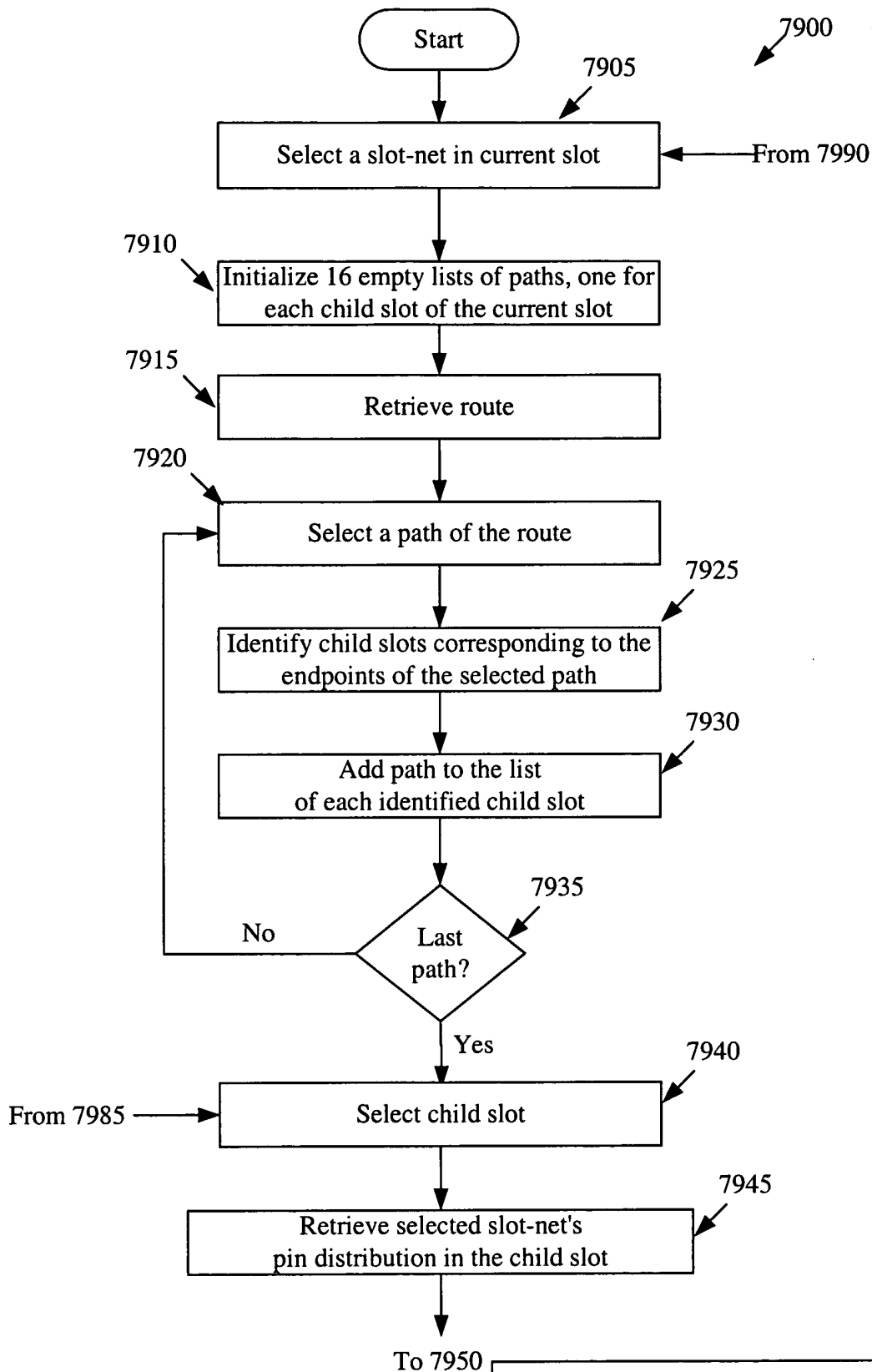


**Figure 77B**

2025-04-15 04:00

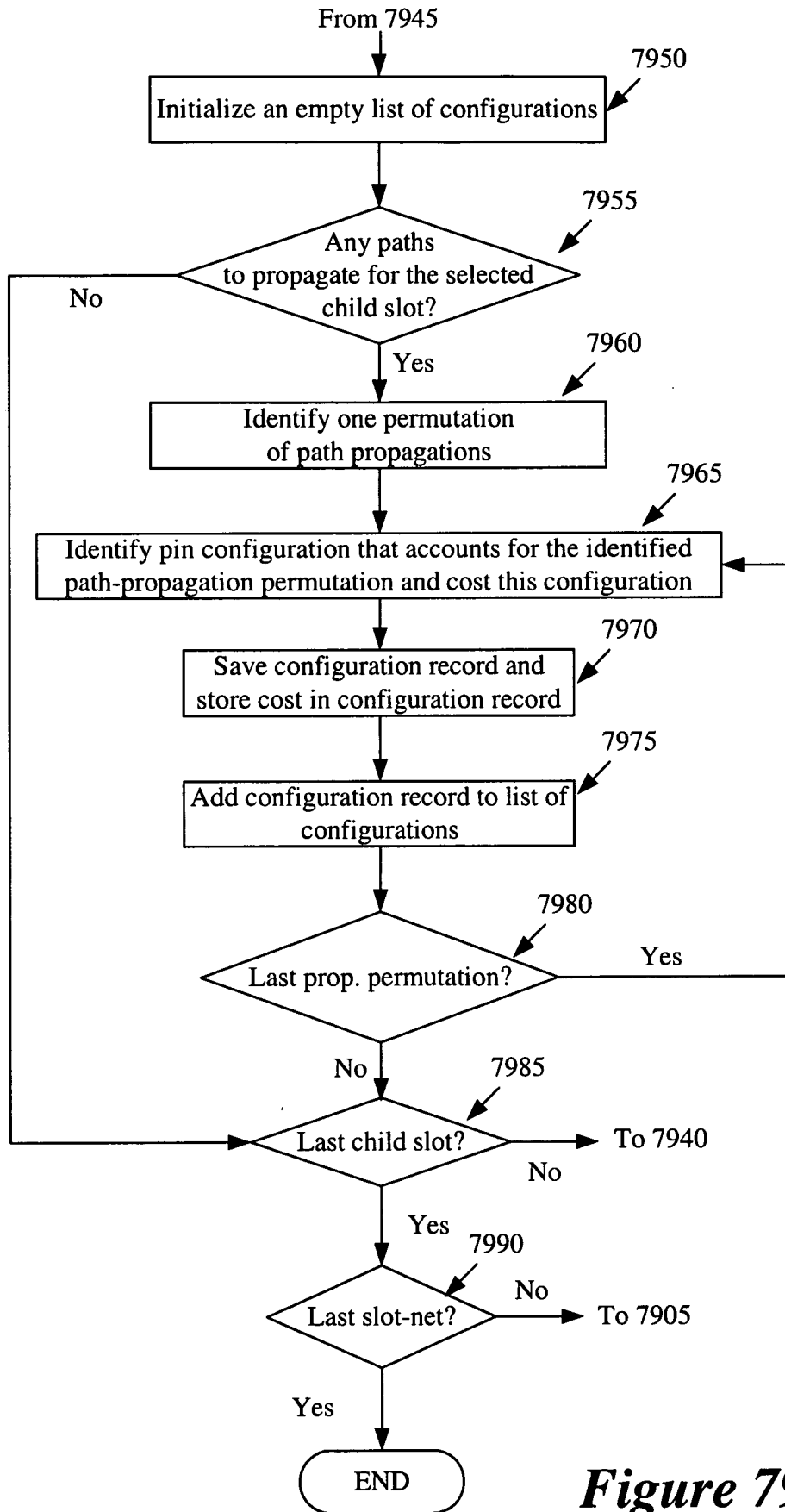


**Figure 78**

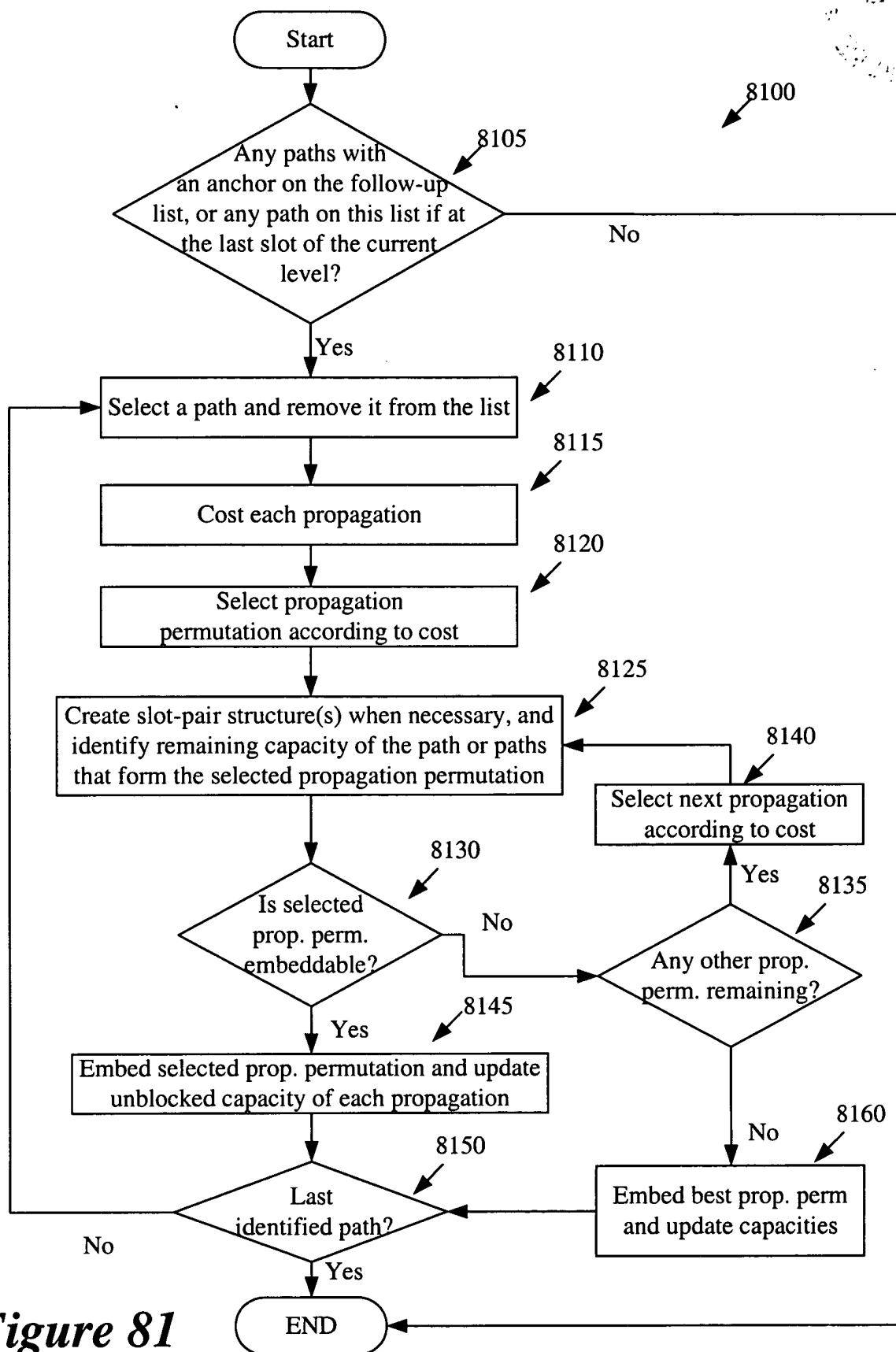


**Figure 79A**

**Figure 79:** *Figure 79A*  
*Figure 79B*



**Figure 79B**



**Figure 81**

20241010 15004003

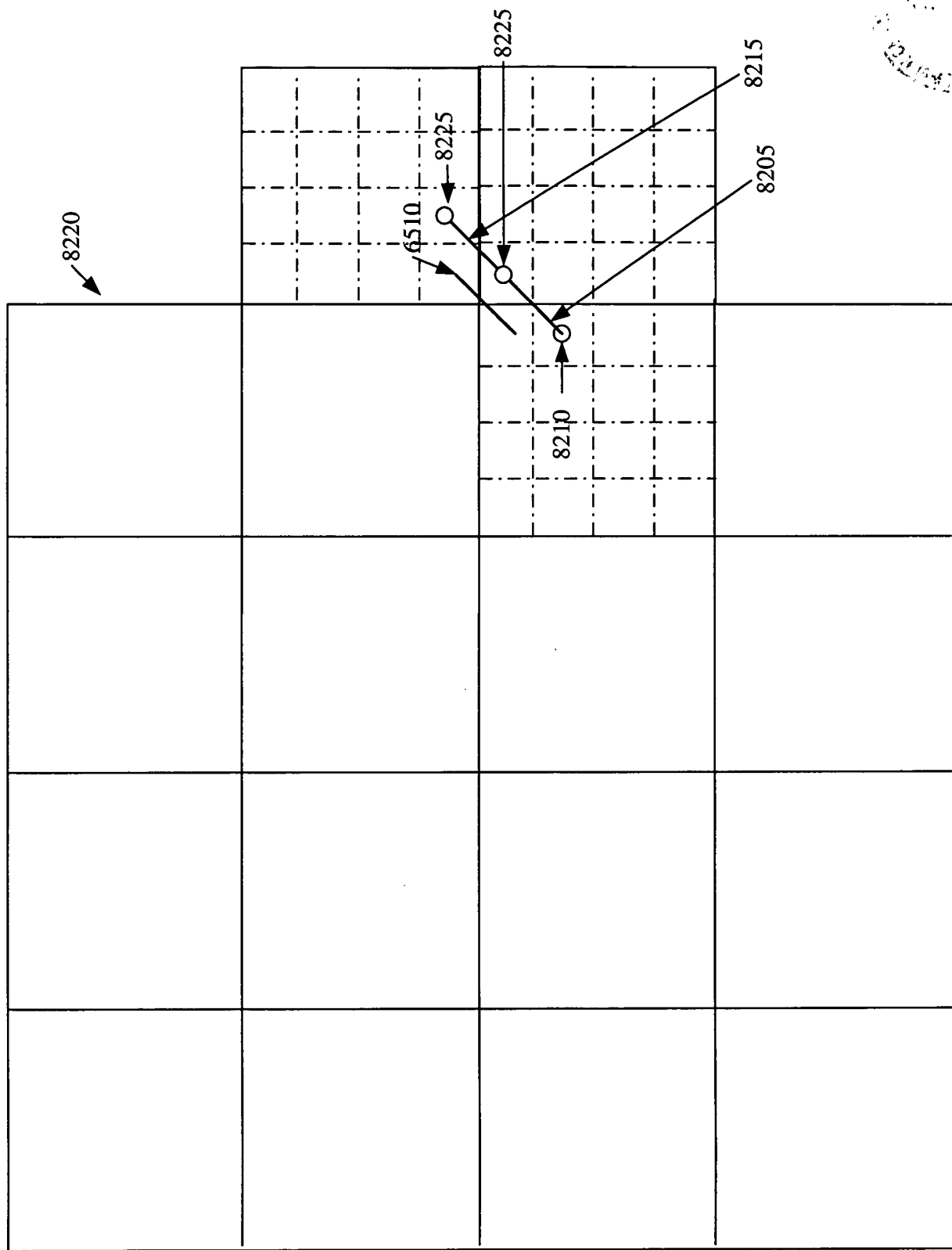
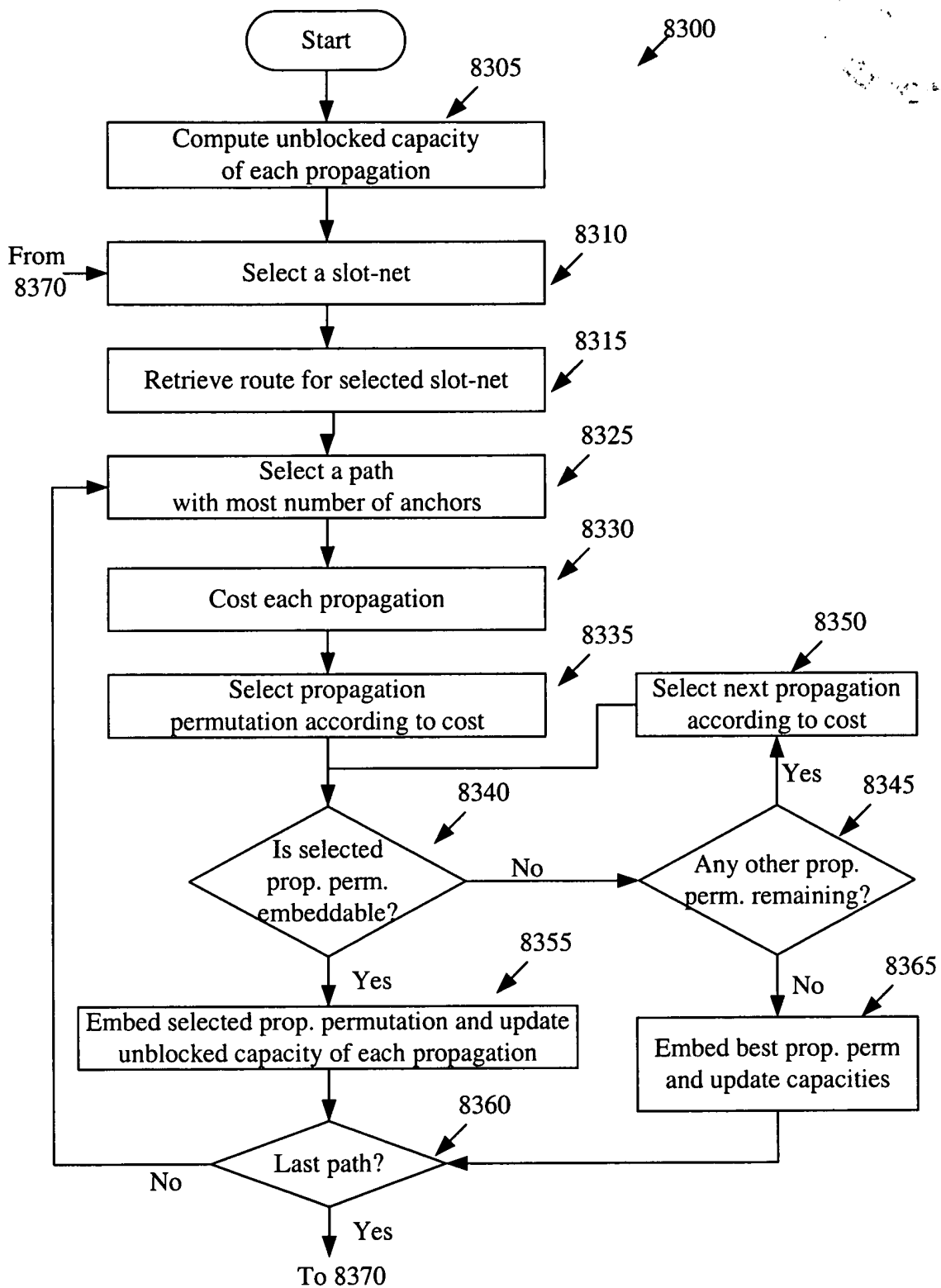


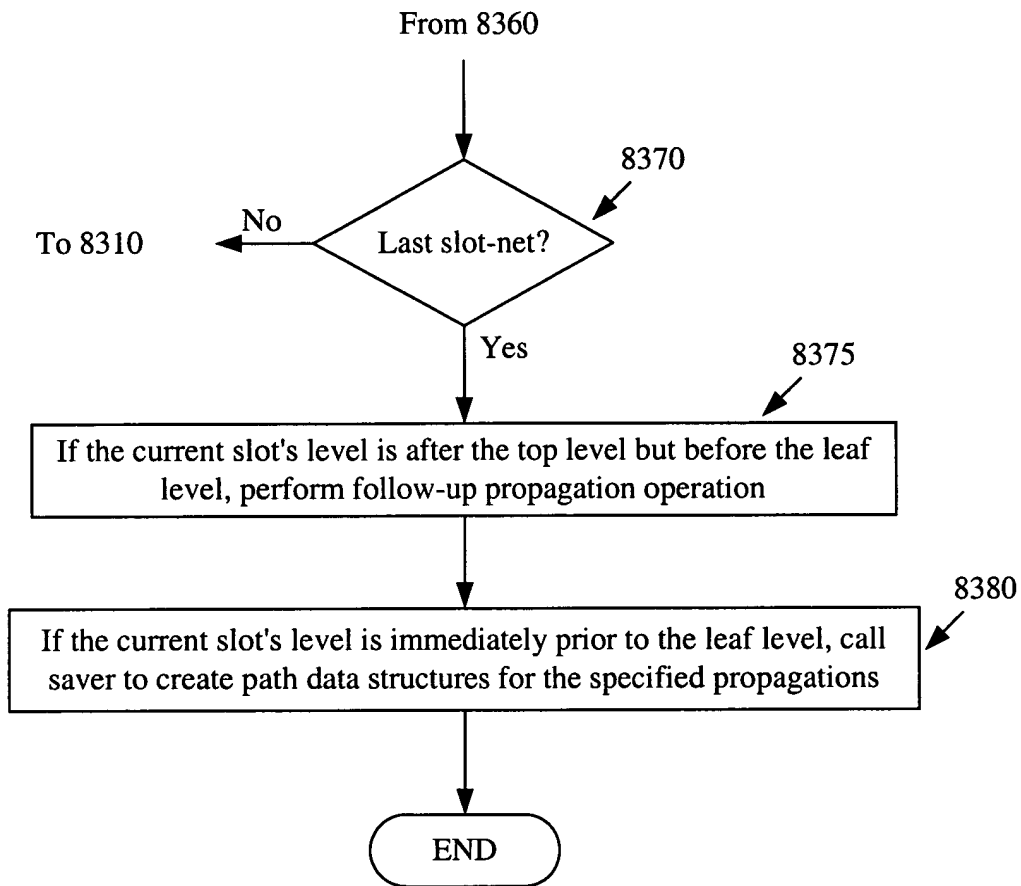
Figure 82



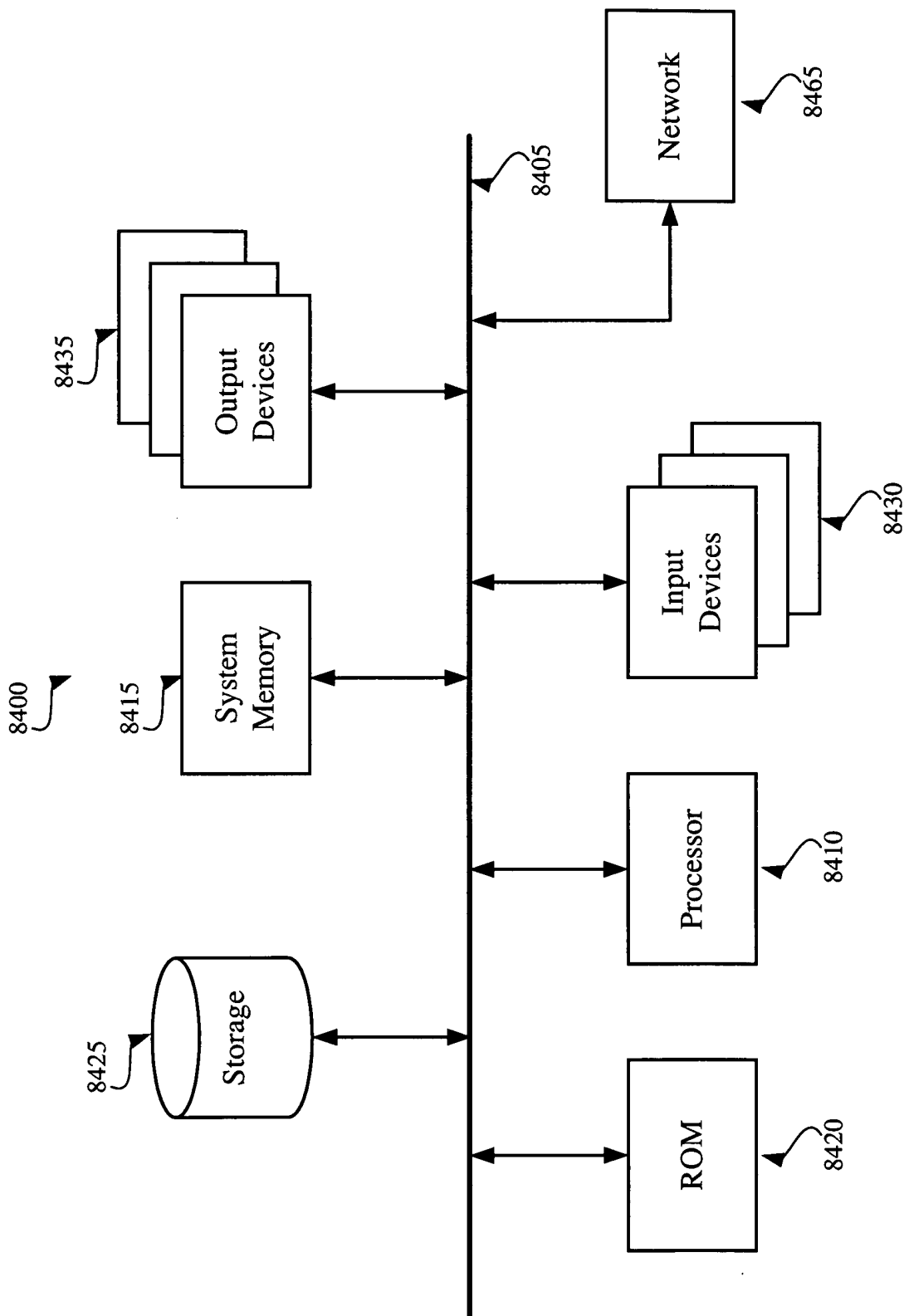


**Figure 83A**

**Figure 83A  
Figure 83B**



**Figure 83B**



**Figure 84**